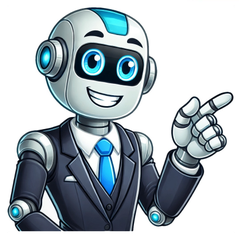
I'm not a bot



Chegou o nosso conversor online e totalmente gratuitos de MPa para kgf/cm². Siga todas as instruções de uso, para o perfeito funcionamento do conversor. Conversor de kgf/cm2 para MPa (kgf/cm² para Mega Pascal): calculadora online Para fazer a conversão de MPa para o valor correspondente em kgf/cm2, nós precisamos multiplicar o valor em Mega Pascal pelo fator de conversão (10,197162129779). Veja como fica a fórmula: kgf/cm² = valor em MPa x 10,197162129779 Para facilitar as coisas, utilize o nosso conversor logo acima! MPakgf/cm²MPakgf/cm²1 MPa10,1970 kgf/cm²100 MPa1.019,7000 kgf/cm²2 MPa20,3940 kgf/cm²200 MPa2.039,4000 kgf/cm²3 MPa30,5910 kgf/cm²300 MPa3.059,1000 kgf/cm²4 MPa40,7880 kgf/cm²400 MPa4.078,8000 kgf/cm²5 MPa50,9850 kgf/cm²500 MPa5.098,5000 kgf/cm²6 MPa61,1820 kgf/cm²600 MPa6.118,2000 kgf/cm²7 MPa71,3790 kgf/cm²700 MPa7.137,9000 kgf/cm²8 MPa81,5760 kgf/cm²800 MPa8.157,6000 kgf/cm²9 MPa91,7730 kgf/cm²900 MPa9.177,3000 kgf/cm²10 MPa101,9700 kgf/cm²1.000 MPa10.197,0000 kgf/cm²11 MPa112,1670 kgf/cm²1.100 MPa11.216,7000 kgf/cm²12 MPa122,3640 kgf/cm²1.200 MPa12.236,4000 kgf/cm²13 MPa132,5610 kgf/cm²1.300 MPa13.256,1000 kgf/cm²14 MPa142,7580 kgf/cm²1.400 MPa14.275,8000 kgf/cm²15 MPa152,9550 kgf/cm²1.500 MPa15.295,5000 kgf/cm²16 MPa163,1520 kgf/cm²1.600 MPa16.315,2000 kgf/cm²17 MPa173,3490 kgf/cm²1.700 MPa17.334,9000 kgf/cm²18 MPa183,5460 kgf/cm²1.800 MPa18.354,6000 kgf/cm²19 MPa193,7430 kgf/cm²1.900 MPa19.374,3000 kgf/cm²20 MPa203,9400 kgf/cm²2.000 MPa20.394,0000 kgf/cm²21 MPa214,1370 kgf/cm²2.100 MPa21.413,7000 kgf/cm²22 MPa224,3340 kgf/cm²2.200 MPa22.433,4000 kgf/cm²23 MPa234,5310 kgf/cm²2.300 MPa23.453,1000 kgf/cm²24 MPa244,7280 kgf/cm²2.400 MPa24.472,8000 kgf/cm²25 MPa254,9250 kgf/cm²2.500 MPa25.492,5000 kgf/cm²26 MPa265,1220 kgf/cm²2.600 MPa26.512,2000 kgf/cm²27 MPa275,3190 kgf/cm²2.700 MPa27.531,9000 kgf/cm²28 MPa285,5160 kgf/cm²2.800 MPa28.551,6000 kgf/cm²29 MPa295,7130 kgf/cm²2.900 MPa29.571,3000 kgf/cm²30 MPa305,9100 kgf/cm²3.000 MPa30.591,0000 kgf/cm²31 MPa316,1070 kgf/cm²3.100 MPa31.610,7000 kgf/cm²32 MPa326,3040 kgf/cm²3.200 MPa32.630,4000 kgf/cm²33 MPa336,5010 kgf/cm²3.300 MPa33.650,1000 kgf/cm²34 MPa346,6980 kgf/cm²3.400 MPa34.669,8000 kgf/cm²35 MPa356,8950 kgf/cm²3.500 MPa35.689,5000 kgf/cm²36 MPa367,0920 kgf/cm²3.600 MPa36.709,2000 kgf/cm²37 MPa377,2890 kgf/cm²3.700 MPa37.728,9000 kgf/cm²38 MPa387,4860 kgf/cm²3.800 MPa38.748,6000 kgf/cm²39 MPa397,6830 kgf/cm²3.900 MPa39.768,3000 kgf/cm²40 MPa407,8800 kgf/cm²4.000 MPa40.788,0000 kgf/cm²41 MPa418,0770 kgf/cm²4.100 MPa41.807,7000 kgf/cm²42 MPa428,2740 kgf/cm²4.200 MPa42.827,4000 kgf/cm²43 MPa438,4710 kgf/cm²4.300 MPa43.847,1000 kgf/cm²44 MPa448,6680 kgf/cm²4.400 MPa44.866,8000 kgf/cm²45 MPa458,8650 kgf/cm²4.500 MPa45.886,5000 kgf/cm²46 MPa469,0620 kgf/cm²4.600 MPa46.906,2000 kgf/cm²47 MPa479,2590 kgf/cm²4.700 MPa47.925,9000 kgf/cm²48 MPa489,4560 kgf/cm²4.800 MPa48.945,6000 kgf/cm²49 MPa499,6530 kgf/cm²4.900 MPa49.965,3000 kgf/cm²50 MPa509,8500 kgf/cm²5.000 MPa50.985,0000 kgf/cm² [related_cat_posts quantity="20"] MPa to kgf/cm2 converter. Calculate online in one click!Megapascals, like kilograms of force per square centimeter, are pressure measurements. They show what force affects a certain surface area, most often the inner surface of the pipe. One megapascal is equal to 10.197162 kilograms of force per square centimeter. But you do not have to do the calculations yourself. Use our fast and convenient online MPa to kgf / cm2 converter. We have prepared this calculator to make your life easier.More information on pressure and pressure unitsOne megapascal is equal to 1,000,000 pascals.Blaise Pascal, the great French physicist and mathematician, gave his name to this pressure measurement.Maintaining the right pressure in the water supply system provides you with the necessary water pressure in your home.A kilogram of force per square centimeter is an international unit of pressure, like a megapascal.Often devices show pressure in one value, and the standards are indicated in another. Online converters come to the rescue© CalcuLife.com Precision: Auto 2 3 4 5 6 7 8 9 10 12 14 16 18 20 decimal digitsConvert from Megapascals to kgf/cm². Type in the amount you want to convert and press the Convert button (↻). Belongs in category Pressure To other units Conversion table For your website 1 Megapascals = 10.1972 kgf/cm² 10 Megapascals = 101.97 kgf/cm² 2500 Megapascals = 25492.9 kgf/cm² 2 Megapascals = 20.3943 kgf/cm² 20 Megapascals = 203.94 kgf/cm² 5000 Megapascals = 50985.8 kgf/cm² 3 Megapascals = 30.5915 kgf/cm² 30 Megapascals = 305.91 kgf/cm² 10000 Megapascals = 101971.6 kgf/cm² 4 Megapascals = 40.7886 kgf/cm² 40 Megapascals = 407.89 kgf/cm² 25000 Megapascals = 254929 kgf/cm² 5 Megapascals = 50.9858 kgf/cm² 50 Megapascals = 509.86 kgf/cm² 50000 Megapascals = 509858 kgf/cm² 6 Megapascals = 61.183 kgf/cm² 100 Megapascals = 1019.72 kgf/cm² 100000 Megapascals = 1019716 kgf/cm² 7 Megapascals = 71.3801 kgf/cm² 250 Megapascals = 2549.29 kgf/cm² 250000 Megapascals = 2549290 kgf/cm² 8 Megapascals = 81.5773 kgf/cm² 500 Megapascals = 5098.58 kgf/cm² 500000 Megapascals = 5098580 kgf/cm² 9 Megapascals = 91.7744 kgf/cm² 1000 Megapascals = 10197.16 kgf/cm² 1000000 Megapascals = 10197160 kgf/cm² Embed this unit converter in your page or blog, by copying the following HTML code: Your browser does not support iframes. convertlive.convertlive Precisão: Auto 2 3 4 5 6 7 8 9 10 12 14 16 18 20 dígitos decimaisConverter de Mega Pascal em kgf/cm². Digite a quantidade que você deseja converter e pressione o botão converter (↻). Pertence a categoria Pressão Para outras unidades Tabela de conversão Para o seu site 1 Mega Pascal = 10.1972 kgf/cm² 10 Mega Pascal = 101.97 kgf/cm² 2500 Mega Pascal = 25492.9 kgf/cm² 2 Mega Pascal = 20.3943 kgf/cm² 20 Mega Pascal = 203.94 kgf/cm² 5000 Mega Pascal = 50985.8 kgf/cm² 3 Mega Pascal = 30.5915 kgf/cm² 30 Mega Pascal = 305.91 kgf/cm² 10000 Mega Pascal = 101971.6 kgf/cm² 4 Mega Pascal = 40.7886 kgf/cm² 40 Mega Pascal = 407.89 kgf/cm² 25000 Mega Pascal = 254929 kgf/cm² 5 Mega Pascal = 50.9858 kgf/cm² 50 Mega Pascal = 509.86 kgf/cm² 50000 Mega Pascal = 509858 kgf/cm² 6 Mega Pascal = 61.183 kgf/cm² 100 Mega Pascal = 1019.72 kgf/cm² 100000 Mega Pascal = 1019716 kgf/cm² 7 Mega Pascal = 71.3801 kgf/cm² 250 Mega Pascal = 2549.29 kgf/cm² 250000 Mega Pascal = 2549290 kgf/cm² 8 Mega Pascal = 81.5773 kgf/cm² 500 Mega Pascal = 5098.58 kgf/cm² 500000 Mega Pascal = 5098580 kgf/cm² 9 Mega Pascal = 91.7744 kgf/cm² 1000 Mega Pascal = 10197.16 kgf/cm² 1000000 Mega Pascal = 10197160 kgf/cm² Incorpore este conversor de unidade em sua página ou blog, copiando o seguinte código HTML: Seu navegador não suporta iframes. convertlive.convertlive Did you mean to convert megapascal millipascal to kgf/cm2 More information from the unit converter How many Mpa in 1 kgf/cm2? The answer is 0.0980665. We assume you are converting between megapascal and kilogram-force/square centimetre. You can view more details on each measurement unit: Mpa or kgf/cm2 The SI derived unit for pressure is the pascal. 1 pascal is equal to 1.0E-6 Mpa, or 1.0197162129779E-5 kgf/cm2. Note that rounding errors may occur, so always check the results. Use this page to learn how to convert between megapascals and kilograms-force/square centimeter. Type in your own numbers in the form to convert the units! 1 Mpa to kgf/cm2 = 10.19716 kgf/cm2 2 Mpa to kgf/cm2 = 20.39432 kgf/cm2 3 Mpa to kgf/cm2 = 30.59149 kgf/cm2 4 Mpa to kgf/cm2 = 40.78865 kgf/cm2 5 Mpa to kgf/cm2 = 50.98581 kgf/cm2 6 Mpa to kgf/cm2 = 61.18297 kgf/cm2 7 Mpa to kgf/cm2 = 71.38013 kgf/cm2 8 Mpa to kgf/cm2 = 81.5773 kgf/cm2 9 Mpa to kgf/cm2 = 91.77446 kgf/cm2 10 Mpa to kgf/cm2 = 101.97162 kgf/cm2 You can do the reverse unit conversion from kgf/cm2 to Mpa, or enter any two units below: The SI prefix "mega" represents a factor of 106, or in exponential notation, 1E6. So 1 megapascal = 106 pascals. The definition of a pascal is as follows: The pascal (symbol Pa) is the SI unit of pressure.It is equivalent to one newton per square metre. The unit is named after Blaise Pascal, the eminent French mathematician, physicist and philosopher. Metric conversions and more ConvertUnits.com provides an online conversion calculator for all types of measurement units. You can find metric conversion tables for SI units, as well as English units, currency, and other data. Type in unit symbols, abbreviations, or full names for units of length, area, mass, pressure, and other types. Examples include mm, inch, 70 kg, 150 lbs, US fluid ounce, 6'3", 10 stone 4, cubic cm, metres squared, grams, moles, feet per second, and many more! 1 Mpa = 10.197162 kgf/cm2; 1 kgf/cm2 = 0.098067 Mpa Megapascal (Mpa) ↔ kgf/cm2 Conversion in Batch msi ↔ psi N/m2 ↔ atm N/m2 ↔ lbf/ft2 cmHg ↔ atm kN/m2 ↔ ton/m2 kPa ↔ N/m2 cmHg ↔ mmHg bar ↔ kgf/cm2 Mpa ↔ msi Mpa ↔ ton/m2 kPa ↔ ton/m2 kPa ↔ N/m2 ksi ↔ msi kgf/m2 ↔ kPa lbf/ft2 ↔ atm • Mpa ↔ cPa [centipascal] • Mpa ↔ mPa [millipascal] • Mpa ↔ uPa [micropascal] • Mpa ↔ N/m2 [newton/square meter] • Mpa ↔ ton-force (short)/square foot • Mpa ↔ ton-force (short)/square inch • Mpa ↔ ton-force (long)/square foot • Mpa ↔ ton-force (long)/square inch • Mpa ↔ pdl/ft2 [poundal/square foot] • Mpa ↔ pdl/in2 [poundal/square inch] • Mpa ↔ lbf/100ft2 [pound-force/100ft2] • Mpa ↔ lbf/1000ft3 [pound-force/100ft3] • Mpa ↔ oz/in2 [ounce/square inch] • Mpa ↔ mtorr [millitorr] • Mpa ↔ inHg [inch mercury (32 F)] • Mpa ↔ inch mercury (60F) • Mpa ↔ inAg [inch water (4 C)] • Mpa ↔ ftAg [foot water (4 C)] • Mpa ↔ inch water (60 F) • Mpa ↔ foot water (60 F) • Mpa ↔ atm [standard atmosphere] • Mpa ↔ ev/A3 [ev/cubic angstrom] • Mpa ↔ hPa [hectopascal] • Mpa ↔ daPa [dekapascal] • Mpa ↔ fPa [femtopascal] • kgf/cm2 ↔ mbar [millibar] • kgf/cm2 ↔ ubar [microbar] • kgf/cm2 ↔ kPa [kilopascal] • kgf/cm2 ↔ Mpa [megapascal] • kgf/cm2 ↔ cPa [centipascal] • kgf/cm2 ↔ mPa [millipascal] • kgf/cm2 ↔ uPa [micropascal] • kgf/cm2 ↔ N/m2 [newton/square meter] • kgf/cm2 ↔ lbf/100ft2 [pound-force/100ft2] • kgf/cm2 ↔ lbf/1000ft3 [pound-force/100ft3] • kgf/cm2 ↔ oz/in2 [ounce/square inch] • kgf/cm2 ↔ mtorr [millitorr] • kgf/cm2 ↔ kbar [kilobar] • kgf/cm2 ↔ inHg [inch mercury (32 F)] • kgf/cm2 ↔ inch mercury (60F) • kgf/cm2 ↔ inAg [inch water (4 C)] • kgf/cm2 ↔ ftAg [foot water (4 C)] • kgf/cm2 ↔ inch water (60 F) • kgf/cm2 ↔ foot water (60 F) • kgf/cm2 ↔ atm [standard atmosphere] • kgf/cm2 ↔ ev/A3 [ev/cubic angstrom] • kgf/cm2 ↔ ha/cubic bohr • kgf/cm2 ↔ Epa [exapascal] • kgf/cm2 ↔ Ppa [petapascal] • kgf/cm2 ↔ Tpa [terapascal] • kgf/cm2 ↔ Gpa [gigapascal] • kgf/cm2 ↔ hPa [hectopascal] • kgf/cm2 ↔ daPa [dekapascal] • kgf/cm2 ↔ dPa [decipascal] • kgf/cm2 ↔ nPa [nanopascal] • kgf/cm2 ↔ pPa [picopascal] • kgf/cm2 ↔ fPa [femtopascal] • kgf/cm2 ↔ aPa [attopascal] Megapascal to kg/cm² - Pressure - Conversion Megapascal : The megapascal (symbol:MPa) is a non-SI unit for pressure, and is a x1000000 multiple of the Pascal unit. 1 MPa equals 1,000,000 Pa. It is primarily used for higher range pressure measurement and mainly used to describe the pressure ranges and ratings of hydraulic systems. Kilogram-force/Square Centimeter : A kilogram-force per square centimeter (kgf/cm2), often just kilogram per square centimeter (kg/cm2), or kilopond per square centimeter is a pressure unit that has been largely displaced the SI unit system of pascal units. Same with psi (abbreviation of pound per square inch), kg/cm2 is part of a group of pressure units that relate pressure with weight. 1 kg/cm2 equals 98,066.5 Pascals. Pressure Conversion Calculator Result : 1 Megapascal = 10.19716 Kilogram-force/Square Centimeter FAQ about Megapascal to kg/cm² Conversion 1 megapascal (MPa) is equal to 10.19716 kilogram-force/square centimeter (kg/cm²).1MPa = 10.19716kg/cm²The pressure p in kilogram-force/square centimeter (kg/cm²) is equal to the pressure p in megapascal (MPa) times 10.19716, that conversion formula:p(kg/cm²) = p(MPa) × 10.19716 One Megapascal is equal to 10.19716 Kilogram-force/Square Centimeter:1MPa = 1MPa × 10.19716 = 10.19716kg/cm² One Kilogram-force/Square Centimeter is equal to 0.09807 Megapascal:1kg/cm² = 1kg/cm² × 0.09807 = 0.09807MPa p(kg/cm²) = 5(MPa) × 10.19716 = 50.9858kg/cm² Most popular convertion pairs of pressure 1 MPa equals 10.1972 kilograms-force per square centimeter MPa To Kgf/cm2 Converter ⇆ Help our site grow by sharing it! To calculate a megapascal value to the corresponding value in kgf/cm2, just multiply the quantity in MPa by 10.197162129779 (the conversion factor). Here is the formula: Value in kilograms-force per square centimeter = value in MPa × 10.197162129779 Suppose you want to convert 1 MPa into kilograms-force per square centimeter. Using the conversion formula above, you will get: Value in kgf/cm2 = 1 × 10.197162129779 = 10.1972 kilograms-force per square centimeter This converter can help you to get answers to questions like: How many megapascals are in 1 kilograms-force per square centimeter? 1 megapascals is equal to how many kilograms-force per square centimeter? How much is 1 MPa in kilograms-force per square centimeter? How to convert megapascals to kilograms-force per square centimeter? What is the conversion factor to convert from megapascals to kilograms-force per square centimeter? How to transform megapascals in kilograms-force per square centimeter? What is the formula to convert from megapascals to kilograms-force per square centimeter? Among others. Conversion Table: Megapascals to Kilograms-force per square centimeterMegapascals=Kilograms-force per square centimeter0.1 MPa=1.02 kgf/cm21/5 MPa=2.04 kilograms-force per square centimeter0.3 MPa=3.06 kilograms-force per square centimeter0.4 MPa=4.08 kilograms-force per square centimeter1/2 MPa=5.10 kilograms-force per square centimeterConversions 5 completed0.6 MPa=6.12 kilograms-force per square centimeter0.7 MPa=7.14 kilograms-force per square centimeter0.8 MPa=8.16 kilograms-force per square centimeter0.9 MPa=9.18 kilograms-force per square centimeter1 MPa=10.20 kilograms-force per square centimeterConversions 10 completed1.1 MPa=11.22 kilograms-force per square centimeter1 1/5 MPa=12.24 kilograms-force per square centimeter1.3 MPa=13.26 kilograms-force per square centimeter1.4 MPa=14.28 kilograms-force per square centimeter1 1/2 MPa=15.30 kilograms-force per square centimeterConversions 15 completed1.6 MPa=16.32 kilograms-force per square centimeter1.7 MPa=17.34 kilograms-force per square centimeter1.8 MPa=18.35 kilograms-force per square centimeter1.9 MPa=19.37 kilograms-force per square centimeter2 megapascals=20.39 kilograms-force per square centimeterNote: values are rounded to 2 decimal places for clarity. Sample Pressure Conversions While every effort is made to ensure the accuracy of the information provided on this website, neither this website nor its authors are responsible for any errors or omissions. Therefore, the contents of this site are not suitable for any use involving risk to health, finances or property. Sign In To ContinueTo continue reading please sign in or create an account.Don't Have An Account? Comma (,) and dot (.) are treated as decimal separators. Megapascal (MPa) is a unit of pressure typically used in the metric system. It is equal to one million pascals, and is commonly used in engineering and science applications. What is Kilogram per Square Centimeter (kgf/cm²) Kilogram per Square Centimeter (kgf/cm²) is another unit of pressure, often used in various industries such as manufacturing and construction. It represents the force of one kilogram-force applied to one square centimeter. Conversion Formulas The conversion between Megapascal (MPa) and Kilogram per Square Centimeter (kgf/cm²) can be done using the following formulas: kgf/cm²=MPa×10.19716 MPa=kgf/cm²×0.0980665 Examples Converting 2 MPa to kgf/cm²: 2MPa=2×10.19716=20.39432kgf/cm² Converting 8 kgf/cm² to MPa: 8kgf/cm²=8×0.0980665=0.784532MPa Converting 4 MPa to kgf/cm²: 4MPa=4×10.19716=40.78865kgf/cm² By using the conversion formulas provided above, you can easily convert pressure values from Megapascal (MPa) to Kilogram per Square Centimeter (kgf/cm²) and vice versa. Megapascal to Kilogram per Square Centimeter conversion table MPa to kgf/cm² conversion table

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