

Converting Colors

RGB(228, 206, 206)

Have a look what the booklet for
RGB(228, 206, 206) contains.

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Color

RGB(228, 206, 206)

Conversions

Conversions Part 1

Format	Color
Hex	E4CECE
RGB	228, 206, 206
RGB Percent	89%, 81%, 81%
CMY	0.1059, 0.1922, 0.1922
CMYK	0.00, 0.10, 0.10, 0.11
HSL	0°, 29%, 85%
HSV	0°, 10%, 89%
XYZ	65.2068, 65.0928, 67.5199
YIQ	212.5780, 13.1120, 4.6640

Conversions

Conversions Part 2

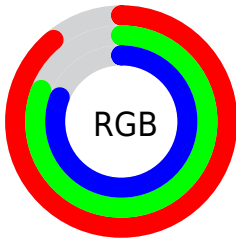
Format	Color
R _Y B	228, 206, 206
Decimal	14995150
CIE Lab	84.53, 7.66, 2.78
CIE LCh	85, 8.146, 19.950
Yxy	65.0928, 0.3296, 0.3291
Android (android.graphics.Color)	4293185230 (0xFFE4CECE)
YUV	212.5780, -3.2430, 13.5251
Hunter-Lab	80.6801, 3.0760, 6.8572

Details

The RGB color **228, 206, 206** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **206, 228, 228**, and the grayscale version is **213, 213, 213**.

A 20% lighter version of the original color is 255, 255, 255, and **172, 152, 152** is the 20% darker color. If you saturate the color by 10%, you get **228, 183, 183**, and if you desaturate by 10%, it is **228, 229, 229**.

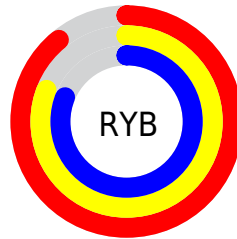
Distribution



Red (89%)

Green (81%)

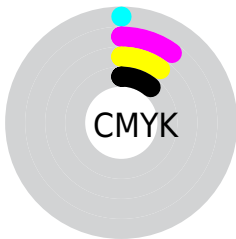
Blue (81%)



Red (89%)

Yellow (81%)

Blue (81%)

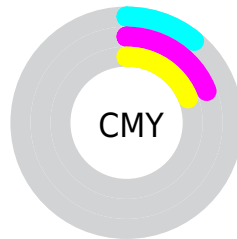


Cyan (0%)

Magenta (10%)

Yellow (10%)

Black (11%)



Cyan (11%)

Magenta (19%)

Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the RGB color 228, 206, 206 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 228, 206, 206 by changing the saturation by 10% instead.

 228, 206, 206


 228, 206, 206


255, 255, 255


 200, 179, 179


 172, 152, 152

 146, 126, 126

 120, 101, 101

 95, 77, 77

 71, 54, 54


 48, 33, 33

 29, 10, 10

 0, 0, 0

 228, 206, 206

 228, 206, 206

 228, 183, 183

 228, 229, 229

 228, 160, 160

 228, 252, 252

 228, 138, 138

 228, 255, 255

 228, 115, 115

 228, 92, 92

 228, 69, 69

 228, 46, 46

 228, 24, 24

 228, 1, 1

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



225, 206, 214



228, 206, 206



226, 207, 199

Triad

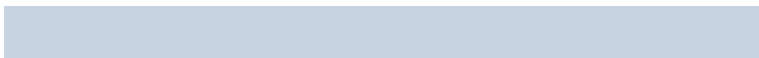
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



228, 206, 206



203, 214, 201



200, 212, 226

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



228, 206, 206



206, 228, 228

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



194, 214, 222



228, 206, 206



196, 215, 208

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



228, 206, 206



212, 212, 197



192, 216, 216



209, 210, 225

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



228, 206, 206



223, 209, 197



192, 216, 216



198, 213, 225

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



228, 206, 206



255, 247, 247



228, 206, 228



128, 122, 122



0, 0, 0



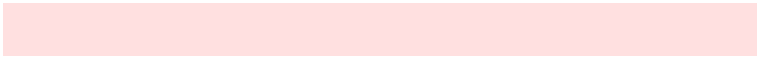
128, 128, 128

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



228, 206, 206



255, 224, 224



228, 217, 206



115, 103, 103



179, 0, 0



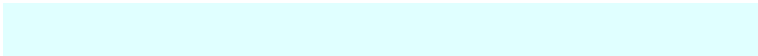
51, 0, 0

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



206, 228, 228



224, 255, 255



206, 217, 228



103, 115, 115



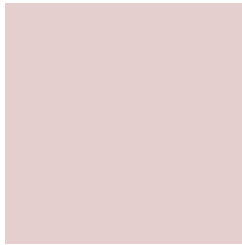
0, 179, 179



0, 51, 51

Previews

White Background



This preview shows how the RGB color 228, 206, 206 looks on a white background.

Color Contrast Check

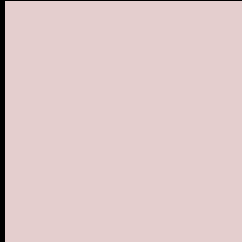
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 228, 206, 206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

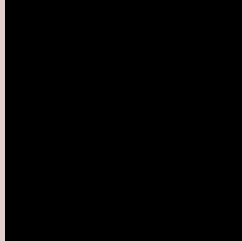
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

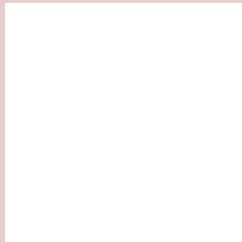
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 228, 206, 206 Background



This preview shows how black text looks on a background with the RGB color 228, 206, 206.



This preview shows how white text looks on a background with the RGB color 228, 206, 206.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
228, 206, 206

Protanopia
215, 210, 208

Deuteranopia
233, 204, 206



Tritanopia
230, 204, 220

Trichromacy



Original Color

228, 206, 206

Protanomaly

220, 209, 207

Deuteranomaly

231, 205, 206

Tritanomaly

229, 205, 215

Monochromacy



Original Color

228, 206, 206

Achromatopsia

213, 213, 213

Achromatomaly

218, 210, 210

CSS Examples

Text

The CSS property to change the color of the text to RGB 228, 206, 206 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(228, 206, 206)` looks like.

```
.text, #text, p{  
    color:rgb(228, 206, 206)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(228, 206, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 206, 206) }
```

Border

The CSS property to change the border of an element to RGB 228, 206, 206 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(228, 206, 206) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(228, 206, 206) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(228, 206, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 206, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 206, 206);  
box-shadow:4px 4px 4px 4px rgb(228, 206,  
206) }
```

Background

The CSS property to change the background color of an element to RGB 228, 206, 206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 206, 206) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(228,  
206, 206) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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