

Converting Colors

RGB(227, 200, 208)

Have a look what the booklet for
RGB(227, 200, 208) contains.

RGB(227, 200, 208)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(227, 200, 208)

Conversions

Conversions Part 1

Format	Color
Hex	E3C8D0
RGB	227, 200, 208
RGB Percent	89%, 78%, 82%
CMY	0.1098, 0.2157, 0.1843
CMYK	0.00, 0.12, 0.08, 0.11
HSL	342°, 33%, 84%
HSV	342°, 12%, 89%
XYZ	63.7180, 62.1935, 68.3208
YIQ	208.9850, 13.5240, 8.2120

Conversions

Conversions Part 2

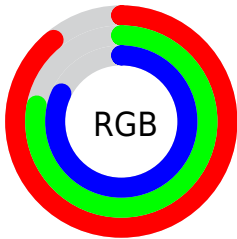
Format	Color
R _Y B	227, 200, 208
Decimal	14928080
CIE Lab	83.02, 10.81, -0.50
CIE LCh	83, 10.818, 357.325
Yxy	62.1935, 0.3281, 0.3202
Android (android.graphics.Color)	4293118160 (0xFFE3C8D0)
YUV	208.9850, -0.4856, 15.7992
Hunter-Lab	78.8629, 6.2108, 3.8397

Details

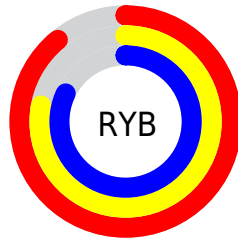
The RGB color **227, 200, 208** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **200, 227, 219**, and the grayscale version is **209, 209, 209**.

A 20% lighter version of the original color is 255, 255, 255, and **171, 146, 154** is the 20% darker color. If you saturate the color by 10%, you get **227, 177, 192**, and if you desaturate by 10%, it is **227, 223, 224**.

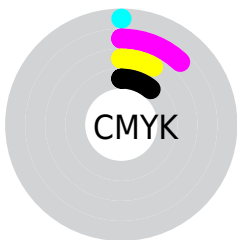
Distribution



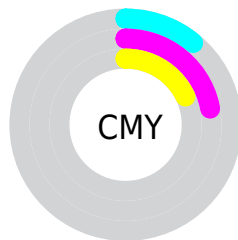
- Red (89%)
- Green (78%)
- Blue (82%)



- Red (89%)
- Yellow (78%)
- Blue (82%)



- Cyan (0%)
- Magenta (12%)
- Yellow (8%)
- Black (11%)



- Cyan (11%)
- Magenta (22%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RGB color 227, 200, 208 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 227, 200, 208 by changing the saturation by 10% instead.

 227, 200, 208

255, 255, 255

 227, 200, 208


 199, 173, 180


 171, 146, 154

 145, 120, 128

 119, 95, 103

 94, 72, 79

 70, 49, 56

 48, 28, 35

 28, 3, 13


 0, 0, 0

 227, 200, 208

 227, 200, 208

 227, 177, 192


 227, 223, 224

 227, 155, 176


 227, 245, 240

 227, 132, 160

 227, 255, 255

 227, 109, 144

 227, 87, 128

 227, 64, 112

 227, 41, 96

 227, 18, 80

 227, 0, 67

Harmonies

Analogous

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



219, 202, 218



227, 200, 208



229, 200, 198

Triad

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



227, 200, 208



205, 209, 189



185, 211, 223

Complementary

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



227, 200, 208



200, 227, 219

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.



182, 213, 216



227, 200, 208



193, 212, 195

Square

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



227, 200, 208



216, 206, 187



185, 213, 205



195, 208, 227

Rectangle

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



227, 200, 208



227, 202, 192



185, 213, 205



183, 212, 221

Sweetspot

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



227, 200, 208



255, 245, 248



219, 200, 227



128, 121, 123



0, 0, 0



128, 128, 128

Same Dimension

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



227, 200, 208



255, 219, 230



227, 205, 200



115, 103, 107



179, 0, 53



51, 0, 15

Inverse Universe

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



227, 200, 208



255, 219, 230



200, 222, 227



115, 103, 107



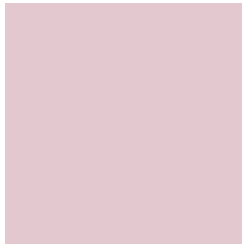
179, 0, 53



51, 0, 15

Previews

White Background



This preview shows how the RGB color 227, 200, 208 looks on a white background.

Color Contrast Check

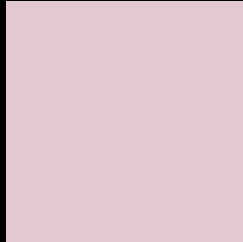
Large Text (above 18pt) WCAG AA × Fail

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 227, 200, 208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

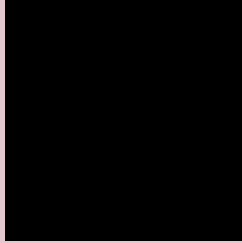
Any Text WCAG AA ✓ Pass

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 227, 200, 208 Background



This preview shows how black text looks on a background with the RGB color 227, 200, 208.

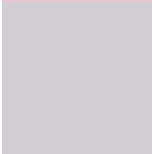



This preview shows how white text looks on a background with the RGB color 227, 200, 208.

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 227, 200, 208
	Protanopia 209, 206, 211
	Deuteranopia 226, 200, 208



Tritanopia
228, 199, 215

Trichromacy



Original Color

227, 200, 208

Protanomaly

216, 204, 210

Deuteranomaly

226, 200, 208

Tritanomaly

228, 199, 212

Monochromacy



Original Color

227, 200, 208

Achromatopsia

209, 209, 209

Achromatomaly

216, 206, 209

CSS Examples

Text

The CSS property to change the color of the text to RGB 227, 200, 208 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(227, 200, 208)` looks like.

```
.text, #text, p{  
    color:rgb(227, 200, 208)  
}
```

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(227, 200, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 200, 208) }
```

Border

The CSS property to change the border of an element to RGB 227, 200, 208 is called "border". The border property can be set on classes, ids or directly on the HTML element.

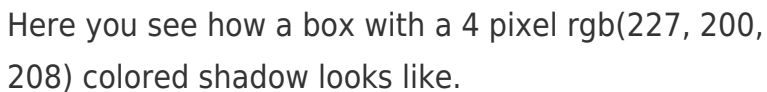
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(227, 200, 208) }
```

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

```
.border{ border-color:rgb(227, 200, 208) }
```

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



Here you see how a box with a 4 pixel `rgb(227, 200, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 200, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 200, 208); box-shadow:4px 4px 4px 4px rgb(227, 200, 208) }
```

Background

The CSS property to change the background color of an element to RGB 227, 200, 208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 200, 208) }
```

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

```
.background{ background-color: rgb(227,  
200, 208) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor