Converting Colors

RGB(230, 190, 216)

Have a look what the booklet for RGB(230, 190, 216) contains.

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Color

RGB(230, 190, 216)

Conversions

Conversions Part 1

Format	Color
Hex	E6BED8
RGB	230, 190, 216
RGB Percent	90%, 75%, 85%
CMY	0.0980, 0.2549, 0.1529
CMYK	0.00, 0.17, 0.06, 0.10
HSL	321°, 44%, 82%
HSV	321°, 17%, 90%
XYZ	63.4413, 58.6078, 72.9345
YIQ	204.9240, 15.4940, 16.5660

Conversions

Conversions Part 2

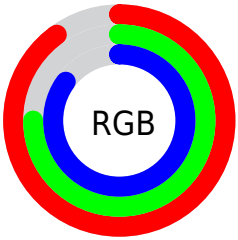
Format	Color
RYB	230, 190, 216
Decimal	15122136
CIELab	81.08, 18.54, -7.62
CIELCh	81, 20.043, 337.650
Yxy	58.6078, 0.3254, 0.3006
Android (android.graphics.Color)	4293312216 (0xFFE6BED8)
YUV	204.9240, 5.4605, 21.9917
Hunter-Lab	76.5557, 13.9494, -2.8965

Details

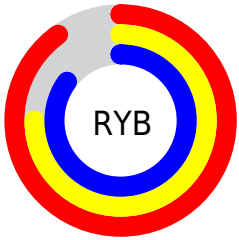
The RGB color 230, 190, 216 is a light color, and the websafe version is hex FFCCFF. A complement of this color would be 190, 230, 204, and the grayscale version is 205, 205, 205.

A 20% lighter version of the original color is 255, 246, 255, and 174, 136, 161 is the 20% darker color. If you saturate the color by 10%, you get 230, 167, 208, and if you desaturate by 10%, it is 230, 213, 224.

Distribution

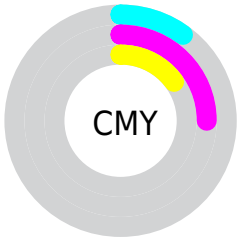


- Red (90%)
- Green (75%)
- Blue (85%)



- Red (90%)
- Yellow (75%)
- Blue (85%)

- Cyan (0%)
- Magenta (17%)
- Yellow (6%)
- Black (10%)



- Cyan (10%)
- Magenta (25%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RGB color 230, 190, 216 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 230, 190, 216 by changing the saturation by 10% instead.

230, 190, 216

255, 255, 255

255, 246, 255

230, 190, 216

202, 163, 188

174, 136, 161

147, 111, 135

121, 86, 110

96, 63, 85

72, 40, 62

49, 19, 40

30, 0, 20

0, 0, 0

230, 190, 216

230, 167, 208

230, 144, 200

230, 121, 192

230, 98, 184

230, 75, 176

230, 52, 168

230, 29, 160

230, 6, 152

230, 0, 149

230, 190, 216

230, 213, 224

230, 236, 232

230, 255, 240

230, 255, 248

230, 255, 255

Harmonies

Analogous

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

211, 195, 231

230, 190, 216

240, 188, 197

Triad

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

230, 190, 216

211, 202, 164

152, 211, 224

Complementary

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

230, 190, 216

190, 230, 204

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.

155, 212, 206

230, 190, 216

190, 207, 171

Square

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

230, 190, 216

229, 195, 167

169, 211, 187

164, 207, 235

Rectangle

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

230, 190, 216

241, 189, 185

169, 211, 187

151, 212, 218

Sweetspot

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

230, 190, 216

255, 242, 251

204, 190, 230

128, 120, 125

0, 0, 0

128, 128, 128

Same Dimension

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

230, 190, 216

255, 201, 236

230, 190, 196

115, 103, 111

179, 0, 116

51, 0, 33

Inverse Universe

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

230, 190, 216

255, 201, 236

190, 230, 224

115, 103, 111

179, 0, 116

51, 0, 33

Previews

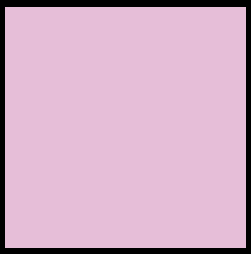
White Background

This preview shows how the RGB color 230, 190, 216 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



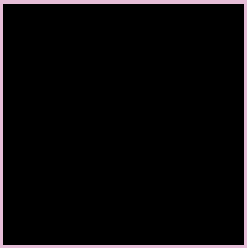
This preview shows how the RGB color 230, 190, 216 looks on a black background.

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 230, 190, 216 Background



This preview shows how black text looks on a background with the RGB color 230, 190, 216.

This preview shows how white text looks on a background with the RGB color 230, 190, 216.

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
230, 190, 216

Protanopia
199, 200, 222

Deuteranopia
215, 196, 215

Tritanopia
229, 192, 207

Trichromacy

Original Color
230, 190, 216

Protanomaly
210, 196, 220

Deuteranomaly
220, 194, 215

Tritanomaly
229, 191, 210

Monochromacy

Original Color
230, 190, 216

Achromatopsia
205, 205, 205

Achromatomaly
214, 200, 209

CSS Examples

Text

The CSS property to change the color of the text to RGB 230, 190, 216 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(230, 190, 216) looks like.

```
.text, #text, p{
    color:rgb(230, 190, 216)
}
```

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(230, 190, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 190, 216) }
```

Border

The CSS property to change the border of an element to RGB 230, 190, 216 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(230, 190, 216) }
```

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

```
.border{ border-color:rgb(230, 190, 216) }
```

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

Here you see how a box with a 4 pixel rgb(230, 190, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(230, 190, 216); -webkit-box-shadow:4px 4px 4px 4px rgb(230, 190, 216); box-shadow:4px 4px 4px 4px rgb(230, 190, 216) }
```

Background

The CSS property to change the background color of an element to RGB 230, 190, 216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(230, 190, 216) }
```

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

```
.background{ background-color:rgb(230,
190, 216) }
```

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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