Converting Colors

RYB(230, 201, 181)

Have a look what the booklet for RYB(230, 201, 181) contains.

Color

RYB(230, 201, 181)

Conversions

Format	Color
Hex	E6C3B5
RGB	230, 195, 181
RGB Percent	90%, 76%, 71%
CMY	0.0980, 0.2345, 0.2902
CMYK	0.00, 0.15, 0.21, 0.10
HSL	17°, 49%, 81%
HSV	17°, 21%, 90%
XYZ	60.5342, 59.2804, 51.9678
YIQ	203.8690, 25.3540, 3.0660

Conversions Part 1

Conversions

Conversions Part 2

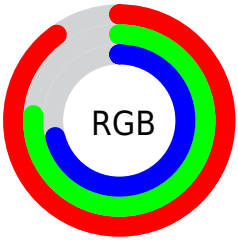
Format	Color
RYB	230, 201, 181
Decimal	15123381
CIELab	81.45, 10.16, 11.71
CIELCh	81, 15.506, 49.046
Yxy	59.2804, 0.3524, 0.3451
Android (android.graphics.Color)	4293313461 (0xFFE6C3B5)
YUV	203.8690, -11.2744, 22.9169
Hunter-Lab	76.9938, 5.6016, 13.8772

Details

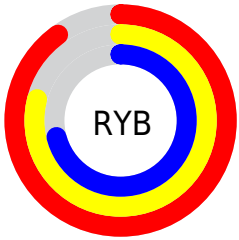
The RYB color 230, 201, 181 is a light color, and the websafe version is hex FFCCCC. A complement of this color would be 181, 201, 230, and the grayscale version is 204, 204, 204.

A 20% lighter version of the original color is 241, 255, 237, and 174, 146, 128 is the 20% darker color. If you saturate the color by 10%, you get 230, 188, 158, and if you desaturate by 10%, it is 230, 216, 204.

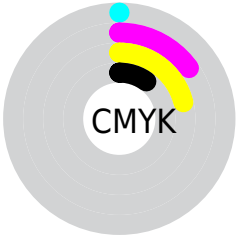
Distribution



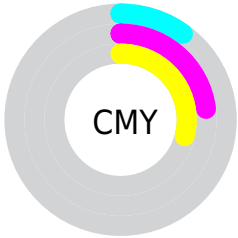
- Red (90%)
- Green (76%)
- Blue (71%)



- Red (90%)
- Yellow (79%)
- Blue (71%)



- Cyan (0%)
- Magenta (15%)
- Yellow (21%)
- Black (10%)



- Cyan (10%)
- Magenta (23%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RYB color 230, 201, 181 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 RYB color 230, 201, 181 by changing the saturation by 10% instead.

230, 201, 181

255, 255, 255

241, 255, 237

230, 201, 181

202, 174, 154

174, 148, 128

147, 121, 103

121, 96, 79

95, 73, 56

71, 49, 35

48, 31, 13

26, 0, 0

0, 0, 0

230, 201, 181

230, 188, 158

230, 175, 135

230, 160, 112

230, 147, 89

230, 134, 66

230, 119, 43

230, 106, 20

230, 95, 0

230, 201, 181

230, 216, 204

230, 229, 227

230, 238, 250

230, 243, 255

Harmonies

Analogous

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

234, 193, 193

230, 201, 181

207, 219, 174

Triad

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

230, 201, 181

173, 197, 211

198, 200, 230

Complementary

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

230, 201, 181

181, 201, 230

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.

180, 197, 230

230, 201, 181

165, 188, 211

Square

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

230, 201, 181

183, 208, 204

168, 192, 224

216, 196, 222

Rectangle

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

230, 201, 181

183, 210, 174

168, 192, 224

192, 200, 231

Sweetspot

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

230, 201, 181

255, 245, 240

230, 181, 216

128, 122, 119

0, 0, 0

128, 128, 128

Same Dimension

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

230, 201, 181

255, 216, 189

195, 230, 181

115, 109, 103

179, 73, 0

51, 21, 0

Inverse Universe

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

181, 201, 230

189, 216, 255

181, 190, 230

103, 108, 115

0, 74, 179

0, 21, 51

Previews

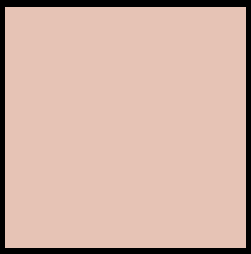
White Background

This preview shows how the RYB color 230, 201, 181 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



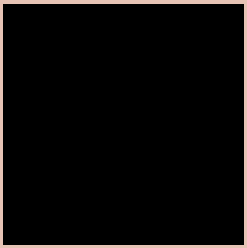
This preview shows how the RYB color 230, 201, 181 looks on a black background.

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.

RYB 230, 201, 181 Background



This preview shows how black text looks on a background with the RYB color 230, 201, 181.

This preview shows how white text looks on a background with the RYB color 230, 201, 181.

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, 201, 181

Protanopia
196, 210, 184

Deuteranopia
230, 201, 181

Tritanopia
233, 191, 206

Trichromacy

Original Color
230, 201, 181

Protanomaly
217, 217, 183

Deuteranomaly
230, 201, 181

Tritanomaly
232, 193, 197

Monochromacy

Original Color
230, 201, 181

Achromatopsia
204, 204, 204

Achromatomaly
213, 203, 196

CSS Examples

Text

The CSS property to change the color of the text to RYB 230, 201, 181 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, 195, 181) looks like.

```
.text, #text, p{
    color:rgb(230, 195, 181)
}
```

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, 195, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 195, 181) }
```

Border

The CSS property to change the border of an element to RYB 230, 201, 181 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, 195, 181) }
```

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

```
.border{ border-color:rgb(230, 195, 181) }
```

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

Here you see how a box with a 4 pixel rgb(230, 195, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(230, 195, 181); -webkit-box-shadow:4px 4px 4px 4px rgb(230, 195, 181); box-shadow:4px 4px 4px 4px rgb(230, 195, 181) }
```

Background

The CSS property to change the background color of an element to RYB 230, 201, 181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(230, 195, 181) }
```

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

```
.background{ background-color:rgb(230,
195, 181) }
```

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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