Converting Colors

RYB(250, 184, 195)

Have a look what the booklet for RYB(250, 184, 195) contains.

Color

RYB(250, 184, 195)

Conversions

Conversions Part 1

Format	Color
Hex	FAB8C3
RGB	250, 184, 195
RGB Percent	98%, 72%, 76%
CMY	0.0196, 0.2784, 0.2353
CMYK	0.00, 0.26, 0.22, 0.02
HSL	350°, 87%, 85%
HSV	350°, 26%, 98%
XYZ	66.4152, 58.5451, 59.4296
YIQ	204.9880, 35.8050, 17.4130

Conversions

Conversions Part 2

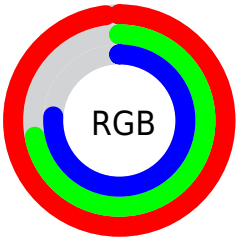
Format	Color
RYB	250, 184, 195
Decimal	16431299
CIELab	81.04, 25.41, 3.86
CIELCh	81, 25.702, 8.648
Yxy	58.5451, 0.3602, 0.3175
Android (android.graphics.Color)	4294621379 (0xFFFAB8C3)
YUV	204.9880, -4.9241, 39.4755
Hunter-Lab	76.5148, 21.0379, 7.5093

Details

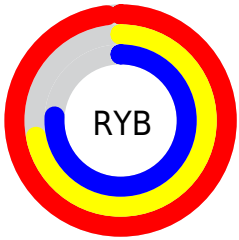
The RYB color 250, 184, 195 is a light color, and the websafe version is hex FFCCCC. A complement of this color would be 184, 220, 250, and the grayscale version is 205, 205, 205.

A 20% lighter version of the original color is 255, 240, 251, and 192, 130, 141 is the 20% darker color. If you saturate the color by 10%, you get 250, 159, 174, and if you desaturate by 10%, it is 250, 209, 216.

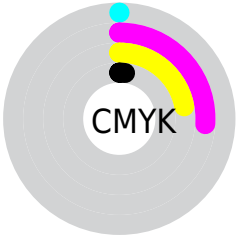
Distribution



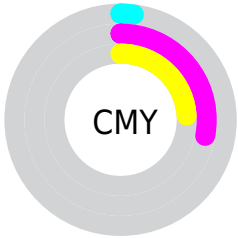
- Red (98%)
- Green (72%)
- Blue (76%)



- Red (98%)
- Yellow (72%)
- Blue (76%)



- Cyan (0%)
- Magenta (26%)
- Yellow (22%)
- Black (2%)



- Cyan (2%)
- Magenta (28%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 250, 184, 195 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 250, 184, 195 by changing the saturation by 10% instead.

250, 184, 195

255, 255, 255

255, 240, 251

250, 184, 195

221, 157, 168

192, 130, 141

165, 105, 116

137, 80, 91

111, 56, 68

85, 33, 46

60, 10, 25

41, 0, 1

0, 0, 0

250, 184, 195

250, 159, 174

250, 134, 153

250, 109, 133

250, 84, 112

250, 59, 91

250, 34, 70

250, 9, 49

250, 0, 42

250, 184, 195

250, 209, 216

250, 234, 237

250, 253, 255

Harmonies

Analogous

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

238, 186, 219

250, 184, 195

248, 191, 172

Triad

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

250, 184, 195

163, 209, 187

151, 186, 245

Complementary

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

250, 184, 195

184, 220, 250

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.

134, 177, 230

250, 184, 195

158, 196, 213

Square

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

250, 184, 195

166, 212, 154

138, 178, 215

182, 197, 248

Rectangle

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

250, 184, 195

240, 209, 161

138, 178, 215

143, 183, 242

Sweetspot

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

250, 184, 195

255, 235, 238

239, 184, 250

128, 115, 117

0, 0, 0

128, 128, 128

Same Dimension

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

250, 184, 195

255, 173, 187

250, 217, 184

125, 112, 115

189, 0, 31

61, 0, 10

Inverse Universe

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

250, 184, 195

255, 173, 187

184, 210, 250

125, 112, 115

189, 0, 31

61, 0, 10

Previews

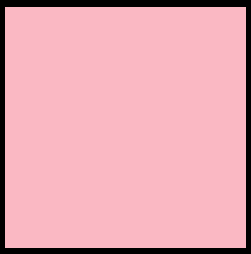
White Background

This preview shows how the RYB color 250, 184, 195 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



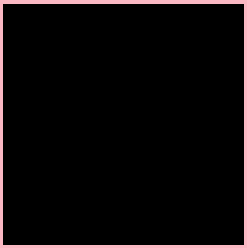
This preview shows how the RYB color 250, 184, 195 looks on a black background.

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 250, 184, 195 Background



This preview shows how black text looks on a background with the RYB color 250, 184, 195.

This preview shows how white text looks on a background with the RYB color 250, 184, 195.

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
250, 184, 195

Protanopia
204, 201, 204

Deuteranopia
224, 195, 193

Tritanopia
250, 184, 198

Trichromacy

Original Color
250, 184, 195

Protanomaly
221, 195, 201

Deuteranomaly
233, 191, 194

Tritanomaly
250, 184, 197

Monochromacy

Original Color
250, 184, 195

Achromatopsia
205, 205, 205

Achromatomaly
221, 197, 201

CSS Examples

Text

The CSS property to change the color of the text to RYB 250, 184, 195 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(250, 184, 195) looks like.

```
.text, #text, p{
    color:rgb(250, 184, 195)
}
```

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(250, 184, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 184, 195) }
```

Border

The CSS property to change the border of an element to RYB 250, 184, 195 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(250, 184, 195) }
```

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

```
.border{ border-color:rgb(250, 184, 195) }
```

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

Here you see how a box with a 4 pixel rgb(250, 184, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(250, 184, 195); -webkit-box-shadow:4px 4px 4px 4px rgb(250, 184, 195); box-shadow:4px 4px 4px 4px rgb(250, 184, 195) }
```

Background

The CSS property to change the background color of an element to RYB 250, 184, 195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(250, 184, 195) }
```

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

```
.background{ background-color:rgb(250,
184, 195) }
```

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.

Follow me on Twitter!

@ConvertingColor