Converting Colors

RYB(248, 234, 211)

Have a look what the booklet for RYB(248, 234, 211) contains.

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Color

RYB(248, 234, 211)

Conversions

Format	Color
Hex	F8E1D3
RGB	248, 225, 211
RGB Percent	97%, 88%, 83%
CMY	0.0275, 0.1169, 0.1725
CMYK	0.00, 0.09, 0.15, 0.03
HSL	23°, 73%, 90%
HSV	23°, 15%, 97%
XYZ	77.4441, 78.6092, 72.7194
YIQ	230.2810, 18.2020, 0.5220

Conversions Part 1

Conversions

Conversions Part 2

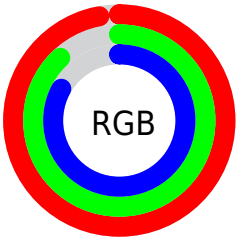
Format	Color
RYB	248, 234, 211
Decimal	16310739
CIELab	91.06, 5.55, 9.76
CIELCh	91, 11.228, 60.377
Yxy	78.6092, 0.3385, 0.3436
Android (android.graphics.Color)	4294500819 (0xFFF8E1D3)
YUV	230.2810, -9.5055, 15.5396
Hunter-Lab	88.6618, 0.7574, 13.4343

Details

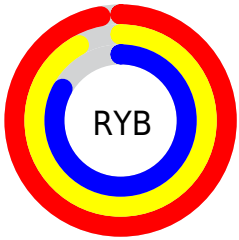
The RYB color 248, 234, 211 is a light color, and the websafe version is hex FFCCCC. A complement of this color would be 211, 225, 248, and the grayscale version is 230, 230, 230.

A 20% lighter version of the original color is 255, 255, 255, and 191, 179, 156 is the 20% darker color. If you saturate the color by 10%, you get 248, 225, 186, and if you desaturate by 10%, it is 248, 242, 236.

Distribution

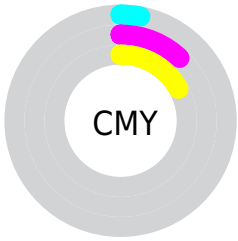


- Red (97%)
- Green (88%)
- Blue (83%)



- Red (97%)
- Yellow (92%)
- Blue (83%)

- Cyan (0%)
- Magenta (9%)
- Yellow (15%)
- Black (3%)



- Cyan (3%)
- Magenta (12%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the RYB color 248, 234, 211 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 248, 234, 211 by changing the saturation by 10% instead.

248, 234, 211

255, 255, 255

248, 234, 211

219, 206, 183

191, 179, 156

164, 151, 130

138, 126, 105

112, 101, 81

87, 78, 58

63, 53, 37

41, 33, 16

18, 0, 0

248, 234, 211

248, 225, 186

248, 217, 161

248, 205, 137

248, 196, 112

248, 188, 87

248, 177, 62

248, 168, 37

248, 159, 13

248, 154, 0

248, 234, 211

248, 242, 236

248, 252, 255

Harmonies

Analogous

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

253, 224, 219

248, 234, 211

221, 238, 208

Triad

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

248, 234, 211

205, 222, 236

232, 227, 248

Complementary

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

248, 234, 211

211, 225, 248

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.

218, 227, 251

248, 234, 211

203, 220, 240

Square

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

248, 234, 211

214, 232, 235

208, 223, 248

244, 224, 240

Rectangle

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

248, 234, 211

209, 231, 210

208, 223, 248

227, 228, 249

Sweetspot

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

248, 234, 211

255, 252, 245

248, 211, 234

128, 126, 121

0, 0, 0

128, 128, 128

Same Dimension

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

248, 234, 211

255, 239, 209

215, 248, 211

125, 120, 112

189, 116, 0

61, 37, 0

Inverse Universe

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

211, 225, 248

209, 226, 255

211, 215, 248

112, 117, 125

0, 72, 189

0, 23, 61

Previews

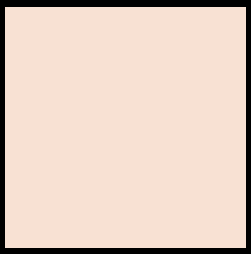
White Background

This preview shows how the RYB color 248, 234, 211 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



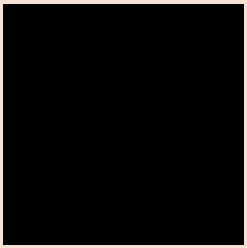
This preview shows how the RYB color 248, 234, 211 looks on a black background.

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 248, 234, 211 Background



This preview shows how black text looks on a background with the RYB color 248, 234, 211.

This preview shows how white text looks on a background with the RYB color 248, 234, 211.

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
248, 234, 211

Protanopia
225, 237, 213

Deuteranopia
255, 224, 214

Tritanopia
252, 221, 238

Trichromacy

Original Color
248, 234, 211

Protanomaly
236, 241, 212

Deuteranomaly
252, 226, 213

Tritanomaly
251, 223, 228

Monochromacy

Original Color
248, 234, 211

Achromatopsia
230, 230, 230

Achromatomaly
237, 231, 223

CSS Examples

Text

The CSS property to change the color of the text to RYB 248, 234, 211 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(248, 225, 211) looks like.

```
.text, #text, p{
    color:rgb(248, 225, 211)
}
```

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(248, 225, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 225, 211) }
```

Border

The CSS property to change the border of an element to RYB 248, 234, 211 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(248, 225, 211) }
```

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

```
.border{ border-color:rgb(248, 225, 211) }
```

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

Here you see how a box with a 4 pixel rgb(248, 225, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(248, 225, 211); -webkit-box-shadow:4px 4px 4px 4px rgb(248, 225, 211); box-shadow:4px 4px 4px 4px rgb(248, 225, 211) }
```

Background

The CSS property to change the background color of an element to RYB 248, 234, 211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(248, 225, 211) }
```

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

```
.background{ background-color:rgb(248,
225, 211) }
```

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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