Converting Colors

RYB(200, 235, 186)

Have a look what the booklet for RYB(200, 235, 186) contains.

Color

RYB(200, 235, 186)

Conversions

Conversions Part 1

Format	Color
Hex	EBE0BA
RGB	235, 224, 186
RGB Percent	92%, 88%, 73%
CMY	0.0784, 0.1211, 0.2706
CMYK	0.00, 0.05, 0.21, 0.08
HSL	47°, 55%, 83%
HSV	47°, 21%, 92%
XYZ	69.8094, 74.5784, 57.1701
YIQ	222.9570, 18.7540, -9.4860

Conversions

Conversions Part 2

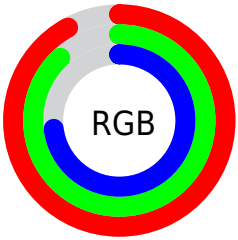
Format	Color
RYB	200, 235, 186
Decimal	15458490
CIELab	89.20, -2.30, 20.02
CIELCh	89, 20.154, 96.565
Yxy	74.5784, 0.3463, 0.3700
Android (android.graphics.Color)	4293648570 (0xFFEBE0BA)
YUV	222.9570, -18.2198, 10.5617
Hunter-Lab	86.3588, -6.8347, 21.2008

Details

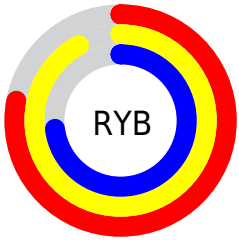
The RYB color 200, 235, 186 is a light color, and the websafe version is hex CCCC99. A complement of this color would be 186, 195, 235, and the grayscale version is 223, 223, 223.

A 20% lighter version of the original color is 242, 255, 242, and 146, 179, 133 is the 20% darker color. If you saturate the color by 10%, you get 184, 235, 163, and if you desaturate by 10%, it is 218, 235, 210.

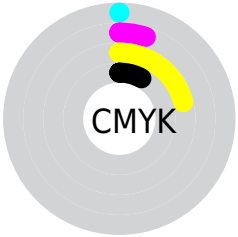
Distribution



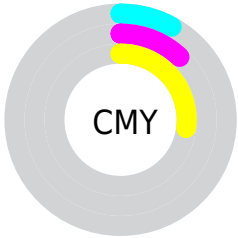
- Red (92%)
- Green (88%)
- Blue (73%)



- Red (78%)
- Yellow (92%)
- Blue (73%)



- Cyan (0%)
- Magenta (5%)
- Yellow (21%)
- Black (8%)



- Cyan (8%)
- Magenta (12%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RYB color 200, 235, 186 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 200, 235, 186 by changing the saturation by 10% instead.

200, 235, 186

255, 255, 255

242, 255, 242

200, 235, 186

173, 207, 159

146, 179, 133

118, 152, 107

94, 126, 83

70, 100, 60

46, 76, 37

22, 52, 16

6, 31, 0

0, 0, 0

200, 235, 186

184, 235, 163

166, 235, 139

150, 235, 115

133, 235, 92

117, 235, 69

99, 235, 45

81, 235, 21

67, 235, 0

200, 235, 186

218, 235, 210

233, 235, 233

235, 239, 255

235, 242, 255

235, 244, 255

235, 245, 255

Harmonies

Analogous

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

253, 242, 189

200, 235, 186

193, 230, 210

Triad

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

200, 235, 186

174, 207, 246

253, 213, 240

Complementary

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

200, 235, 186

186, 195, 235

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.

233, 218, 255

200, 235, 186

186, 213, 255

Square

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

200, 235, 186

177, 208, 235

208, 220, 255

255, 211, 220

Rectangle

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

200, 235, 186

199, 230, 233

208, 220, 255

247, 214, 246

Sweetspot

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

200, 235, 186

244, 255, 240

235, 186, 197

122, 128, 119

0, 0, 0

128, 128, 128

Same Dimension

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

200, 235, 186

209, 255, 191

186, 235, 199

108, 117, 106

51, 181, 0

15, 54, 0

Inverse Universe

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

186, 195, 235

191, 202, 255

199, 186, 235

106, 108, 117

0, 33, 181

0, 10, 54

Previews

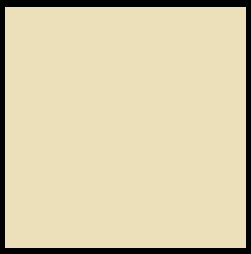
White Background

This preview shows how the RYB color 200, 235, 186 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



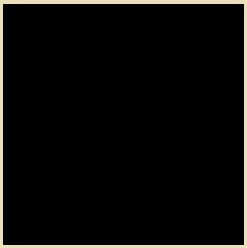
This preview shows how the RYB color 200, 235, 186 looks on a black background.

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 200, 235, 186 Background



This preview shows how black text looks on a background with the RYB color 200, 235, 186.

This preview shows how white text looks on a background with the RYB color 200, 235, 186.

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
200, 235, 186

Protanopia
203, 237, 186

Deuteranopia
255, 231, 192

Tritanopia
241, 217, 234

Trichromacy

Original Color
200, 235, 186

Protanomaly
202, 236, 186

Deuteranomaly
248, 248, 190

Tritanomaly
239, 220, 217

Monochromacy

Original Color
200, 235, 186

Achromatopsia
223, 223, 223

Achromatomaly
215, 227, 210

CSS Examples

Text

The CSS property to change the color of the text to RYB 200, 235, 186 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(235, 224, 186) looks like.

```
.text, #text, p{
    color:rgb(235, 224, 186)
}
```

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(235, 224, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 224, 186) }
```

Border

The CSS property to change the border of an element to RYB 200, 235, 186 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(235, 224, 186) }
```

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

```
.border{ border-color:rgb(235, 224, 186) }
```

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

Here you see how a box with a 4 pixel rgb(235, 224, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(235, 224, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(235, 224, 186); box-shadow:4px 4px 4px 4px rgb(235, 224, 186) }
```

Background

The CSS property to change the background color of an element to RYB 200, 235, 186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(235, 224, 186) }
```

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

```
.background{ background-color:rgb(235,
224, 186) }
```

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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