

Converting Colors

`RYB(231, 192, 178)`

Have a look what the booklet for RYB(231, 192, 178) contains.

RYB(231, 192, 178)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(231, 192, 178)

Conversions

Conversions Part 1

Format	Color
Hex	E7BDB2
RGB	231, 189, 178
RGB Percent	91%, 74%, 70%
CMY	0.0941, 0.2585, 0.3020
CMYK	0.00, 0.18, 0.23, 0.09
HSL	13°, 52%, 80%
HSV	13°, 23%, 91%
XYZ	59.2045, 56.6306, 49.9299
YIQ	200.3040, 28.5630, 5.4830

Conversions

Conversions Part 2

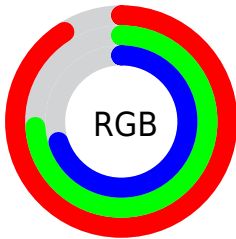
Format	Color
R _Y B	231, 192, 178
Decimal	15187378
CIE Lab	79.97, 13.34, 11.24
CIE LCh	80, 17.447, 40.107
Yxy	56.6306, 0.3572, 0.3416
Android (android.graphics.Color)	4293377458 (0xFFE7BDB2)
YUV	200.3040, -10.9959, 26.9204
Hunter-Lab	75.2533, 8.7392, 13.3389

Details

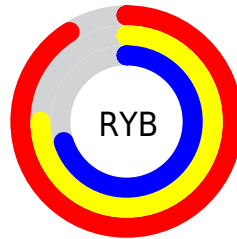
The RYB color **231, 192, 178** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **178, 201, 231**, and the grayscale version is **200, 200, 200**.

A 20% lighter version of the original color is **253, 255, 234**, and **175, 139, 125** is the 20% darker color. If you saturate the color by 10%, you get **231, 175, 155**, and if you desaturate by 10%, it is **231, 209, 201**.

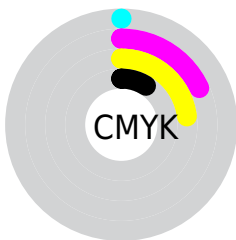
Distribution



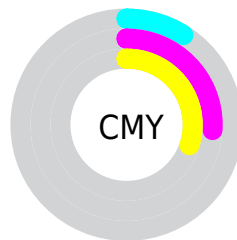
- Red (91%)
- Green (74%)
- Blue (70%)



- Red (91%)
- Yellow (75%)
- Blue (70%)



- Cyan (0%)
- Magenta (18%)
- Yellow (23%)
- Black (9%)




- Cyan (9%)
- Magenta (26%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the RYB color 231, 192, 178 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 231, 192, 178 by changing the saturation by 10% instead.

 231, 192, 178

255, 255, 255


 253, 255, 234

 231, 192, 178


 203, 165, 151


 175, 139, 125

 148, 113, 100

 121, 88, 77

 96, 64, 54

 71, 42, 32

 48, 22, 10

 26, 0, 1

 0, 0, 0

■ 231, 192, 178

■ 231, 192, 178

■ 231, 175, 155

■ 231, 209, 201

■ 231, 159, 132

■ 231, 227, 224

■ 231, 140, 109

■ 231, 238, 247

■ 231, 124, 86

■ 231, 243, 255

■ 231, 107, 63

■ 231, 90, 39

■ 231, 73, 16

■ 231, 61, 0

Harmonies

Analogous

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



232, 187, 193



231, 192, 178



221, 219, 168

Triad

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



231, 192, 178



169, 195, 207



187, 196, 230

Complementary

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



231, 192, 178



178, 201, 231

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.



168, 190, 228



231, 192, 178



158, 184, 208

Square

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



231, 192, 178



173, 204, 190



157, 185, 219



208, 192, 223

Rectangle

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



231, 192, 178



186, 211, 166



157, 185, 219



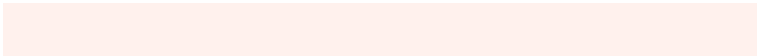
180, 194, 230

Sweetspot

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



231, 192, 178



255, 242, 237



231, 178, 220



128, 119, 117



0, 0, 0



128, 128, 128

Same Dimension

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



231, 192, 178



255, 203, 184



201, 231, 178



115, 107, 103



179, 47, 0



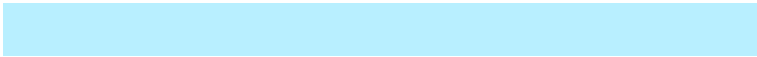
51, 14, 0

Inverse Universe

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



178, 201, 231



184, 215, 255



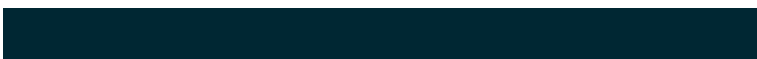
178, 190, 231



103, 108, 115



0, 79, 179



0, 22, 51

Previews

White Background



This preview shows how the RYB color 231, 192, 178 looks on a white background.

Color Contrast Check

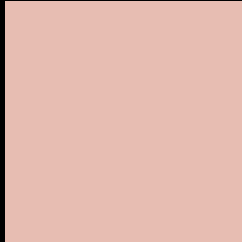
Large Text (above 18pt) WCAG AA × Fail

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 231, 192, 178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

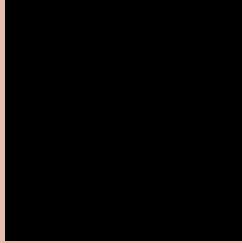
Any Text WCAG AA ✓ Pass

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 231, 192, 178 Background



This preview shows how black text looks on a background with the RYB color 231, 192, 178.







This preview shows how white text looks on a background with the RYB color 231, 192, 178.

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 231, 192, 178
	Protanopia 195, 206, 183
	Deuteranopia 225, 196, 178



Tritanopia
234, 186, 200

Trichromacy



Original Color
231, 192, 178

Protanomaly
215, 205, 181

Deuteranomaly
227, 194, 178

Tritanomaly
233, 187, 192

Monochromacy



Original Color
231, 192, 178

Achromatopsia
200, 200, 200

Achromatomaly
211, 197, 192

CSS Examples

Text

The CSS property to change the color of the text to RYB 231, 192, 178 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(231, 189, 178)` looks like.

```
.text, #text, p{  
    color:rgb(231, 189, 178)  
}
```

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(231, 189, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 189, 178) }
```

Border

The CSS property to change the border of an element to RYB 231, 192, 178 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(231, 189, 178) }
```

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

```
.border{ border-color:rgb(231, 189, 178) }
```

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

Here you see how a box with a 4 pixel rgb(231, 189, 178) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 189, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 189, 178);  
box-shadow:4px 4px 4px 4px rgb(231, 189,  
178) }
```

Background

The CSS property to change the background color of an element to RGB 231, 189, 178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 189, 178) }
```

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

```
.background{ background-color: rgb(231,  
189, 178) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor