

Converting Colors

`RYB(235, 204, 203)`

Have a look what the booklet for
RYB(235, 204, 203) contains.

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Color

R_YB(235, 204, 203)

Conversions

Conversions Part 1

Format	Color
Hex	EBCCCB
RGB	235, 204, 203
RGB Percent	92%, 80%, 80%
CMY	0.0784, 0.2001, 0.2039
CMYK	0.00, 0.13, 0.14, 0.08
HSL	2°, 44%, 86%
HSV	2°, 14%, 92%
XYZ	66.6261, 65.1453, 65.5626
YIQ	213.1550, 18.7970, 6.2610

Conversions

Conversions Part 2

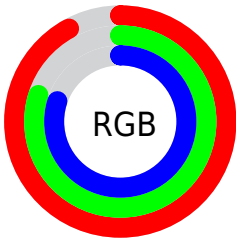
Format	Color
R _Y B	235, 204, 203
Decimal	15453387
CIE Lab	84.56, 10.72, 4.49
CIE LCh	85, 11.620, 22.732
Yxy	65.1453, 0.3376, 0.3301
Android (android.graphics.Color)	4293643467 (0xFFEBCCCB)
YUV	213.1550, -5.0064, 19.1581
Hunter-Lab	80.7126, 6.0998, 8.3377

Details

The RYB color **235, 204, 203** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **203, 219, 235**, and the grayscale version is **213, 213, 213**.

A 20% lighter version of the original color is 255, 255, 255, and **179, 150, 149** is the 20% darker color. If you saturate the color by 10%, you get **235, 181, 180**, and if you desaturate by 10%, it is **235, 227, 227**.

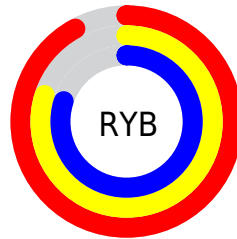
Distribution



Red (92%)

Green (80%)

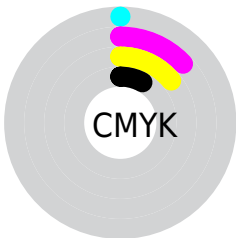
Blue (80%)



Red (92%)

Yellow (80%)

Blue (80%)

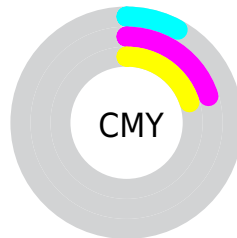


Cyan (0%)

Magenta (13%)

Yellow (14%)

Black (8%)



Cyan (8%)

Magenta (20%)

Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the RYB color 235, 204, 203 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 235, 204, 203 by changing the saturation by 10% instead.


 235, 204, 203

 235, 204, 203


255, 255, 255

 207, 177, 176


 179, 150, 149

 152, 124, 123

 126, 99, 98

 101, 75, 75

 76, 52, 52

 53, 31, 31

 33, 8, 6

 0, 0, 0

 235, 204, 203


 235, 204, 203

 235, 181, 180


 235, 227, 227

 235, 158, 156

 235, 243, 250

 235, 136, 132

 235, 245, 255

 235, 113, 109

 235, 90, 86

 235, 67, 62

 235, 44, 38

 235, 22, 15

 235, 7, 0

Harmonies

Analogous

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



232, 204, 214



235, 204, 203



232, 212, 194

Triad

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



235, 204, 203



198, 216, 216



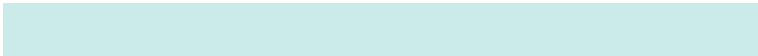
197, 208, 232

Complementary

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



235, 204, 203



203, 219, 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.



187, 204, 228



235, 204, 203



188, 205, 217

Square

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



235, 204, 203



191, 213, 193



184, 201, 219



210, 209, 231

Rectangle

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



235, 204, 203



226, 226, 190



184, 201, 219



193, 207, 232

Sweetspot

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



235, 204, 203



255, 245, 245



235, 203, 234



128, 121, 121



0, 0, 0



128, 128, 128

Same Dimension

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



235, 204, 203



255, 215, 214



231, 235, 203



117, 106, 106



181, 5, 0



54, 2, 0

Inverse Universe

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



203, 219, 235



214, 234, 255



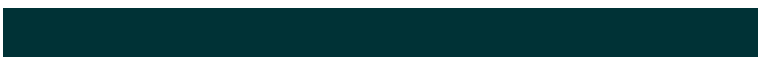
203, 213, 235



106, 112, 117



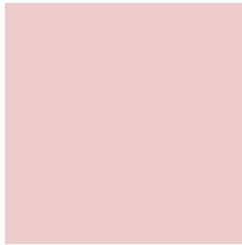
0, 89, 181



0, 26, 54

Previews

White Background



This preview shows how the RYB color 235, 204, 203 looks on a white background.

Color Contrast Check

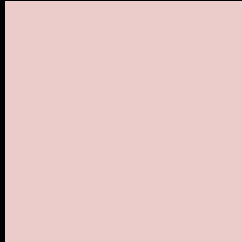
Large Text (above 18pt) WCAG AA × Fail

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 235, 204, 203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

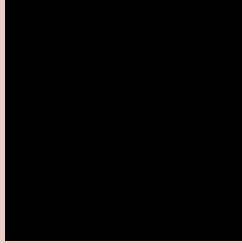
Any Text WCAG AA ✓ Pass

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](#).

RVB 235, 204, 203 Background



This preview shows how black text looks on a background with the RYB color 235, 204, 203.



This preview shows how white text looks on a background with the RYB color 235, 204, 203.

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
235, 204, 203

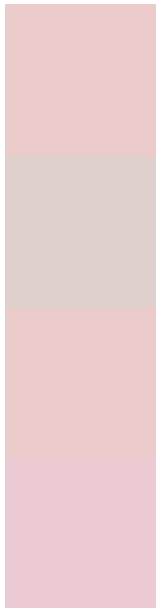
Protanopia
216, 213, 206

Deuteranopia
235, 204, 203



Tritanopia
237, 202, 217

Trichromacy



Original Color

235, 204, 203

Protanomaly

223, 209, 205

Deuteranomaly

235, 204, 203

Tritanomaly

236, 203, 212

Monochromacy



Original Color

235, 204, 203

Achromatopsia

213, 213, 213

Achromatomaly

221, 210, 209

CSS Examples

Text

The CSS property to change the color of the text to RGB 235, 204, 203 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, 204, 203) looks like.

```
.text, #text, p{  
    color:rgb(235, 204, 203)  
}
```

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, 204, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 204, 203) }
```

Border

The CSS property to change the border of an element to RYB 235, 204, 203 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, 204, 203) }
```

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

```
.border{ border-color:rgb(235, 204, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 204, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 204, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 204, 203);  
box-shadow:4px 4px 4px 4px rgb(235, 204,  
203) }
```

Background

The CSS property to change the background color of an element to RGB 235, 204, 203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 204, 203) }
```

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

```
.background{ background-color: rgb(235,  
204, 203) }
```

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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