

Converting Colors

`RYB(225, 204, 183)`

Have a look what the booklet for
RYB(225, 204, 183) contains.

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Color

RYB(225, 204, 183)

Conversions

Conversions Part 1

Format	Color
Hex	E1C5B7
RGB	225, 197, 183
RGB Percent	88%, 77%, 72%
CMY	0.1176, 0.2275, 0.2824
CMYK	0.00, 0.12, 0.19, 0.12
HSL	20°, 41%, 80%
HSV	20°, 19%, 88%
XYZ	59.5648, 59.3590, 53.1178
YIQ	203.7760, 21.1820, 1.5820

Conversions

Conversions Part 2

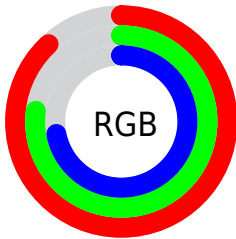
Format	Color
R _Y B	225, 204, 183
Decimal	14796215
CIE Lab	81.49, 7.67, 10.64
CIE LCh	81, 13.117, 54.217
Yxy	59.3590, 0.3462, 0.3450
Android (android.graphics.Color)	4292986295 (0xFFE1C5B7)
YUV	203.7760, -10.2426, 18.6134
Hunter-Lab	77.0448, 3.1736, 13.0544

Details

The RYB color **225, 204, 183** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **183, 200, 225**, and the grayscale version is **204, 204, 204**.

A 20% lighter version of the original color is **240, 255, 239**, and **169, 150, 130** is the 20% darker color. If you saturate the color by 10%, you get **225, 192, 161**, and if you desaturate by 10%, it is **225, 215, 206**.

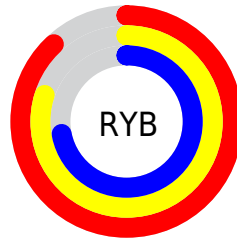
Distribution



Red (88%)

Green (77%)

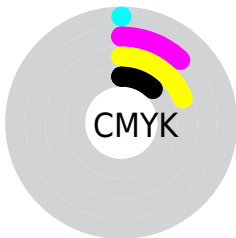
Blue (72%)



Red (88%)

Yellow (80%)

Blue (72%)

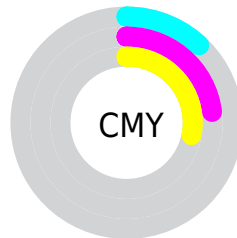


Cyan (0%)

Magenta (12%)

Yellow (19%)

Black (12%)



Cyan (12%)

Magenta (23%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RYB color 225, 204, 183 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 225, 204, 183 by changing the saturation by 10% instead.

 225, 204, 183

255, 255, 255

 240, 255, 239

 225, 204, 183

 197, 177, 156

 169, 150, 130

 143, 125, 105

 117, 99, 81

 92, 74, 58

 67, 53, 36

 45, 32, 15

 23, 0, 0

 0, 0, 0

■ 225, 204, 183

■ 225, 204, 183

■ 225, 192, 161

■ 225, 215, 206

■ 225, 182, 138

■ 225, 226, 228

■ 225, 170, 116

■ 225, 235, 251

■ 225, 159, 93

■ 225, 240, 255

■ 225, 147, 71

■ 225, 137, 48

■ 225, 125, 26

■ 225, 114, 3

■ 225, 113, 0

Harmonies

Analogous

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



229, 195, 193



225, 204, 183



201, 215, 178

Triad

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



225, 204, 183



176, 196, 210



202, 200, 225

Complementary

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



225, 204, 183



183, 200, 225

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, 199, 227



225, 204, 183



172, 191, 212

Square

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



225, 204, 183



188, 208, 208



175, 194, 222



216, 196, 217

Rectangle

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



225, 204, 183



182, 206, 179



175, 194, 222



197, 201, 226

Sweetspot

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



225, 204, 183



255, 248, 240



225, 183, 211



128, 124, 119



0, 0, 0



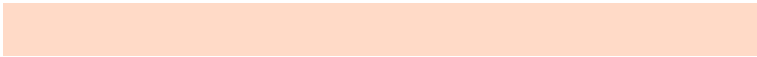
128, 128, 128

Same Dimension

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



225, 204, 183



255, 228, 199



191, 225, 183



112, 107, 101



176, 89, 0



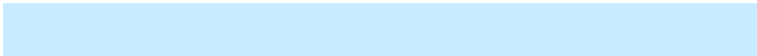
48, 24, 0

Inverse Universe

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



183, 200, 225



199, 221, 255



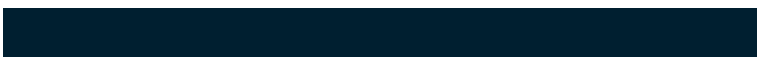
183, 189, 225



101, 105, 112



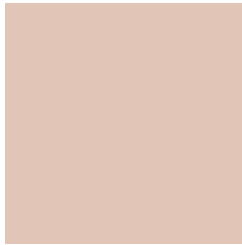
0, 70, 176



0, 19, 48

Previews

White Background



This preview shows how the RYB color 225, 204, 183 looks on a white background.

Color Contrast Check

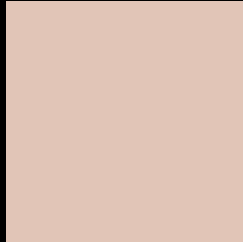
Large Text (above 18pt) WCAG AA × Fail

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 225, 204, 183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

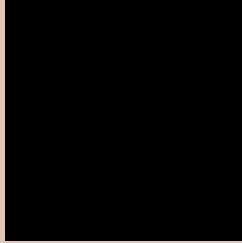
Any Text WCAG AA ✓ Pass

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 225, 204, 183 Background



This preview shows how black text looks on a background with the RYB color 225, 204, 183.



This preview shows how white text looks on a background with the RYB color 225, 204, 183.

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
225, 204, 183

Protanopia
198, 210, 186

Deuteranopia
229, 199, 183



Tritanopia
228, 193, 208

Trichromacy



Original Color

225, 204, 183

Protanomaly

215, 215, 185

Deuteranomaly

228, 201, 183

Tritanomaly

227, 194, 199

Monochromacy



Original Color

225, 204, 183

Achromatopsia

204, 204, 204

Achromatomaly

212, 203, 196

CSS Examples

Text

The CSS property to change the color of the text to RYB 225, 204, 183 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(225, 197, 183)` looks like.

```
.text, #text, p{  
    color:rgb(225, 197, 183)  
}
```

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(225, 197, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 197, 183) }
```

Border

The CSS property to change the border of an element to RYB 225, 204, 183 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(225, 197, 183) }
```

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

```
.border{ border-color:rgb(225, 197, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 197, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 197, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 197, 183);  
box-shadow:4px 4px 4px 4px rgb(225, 197,  
183) }
```

Background

The CSS property to change the background color of an element to RYB 225, 204, 183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 197, 183) }
```

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

```
.background{ background-color: rgb(225,  
197, 183) }
```

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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