

Converting Colors

`RYB(204, 225, 203)`

Have a look what the booklet for
RYB(204, 225, 203) contains.

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Color

R_YB(204, 225, 203)

Conversions

Conversions Part 1

Format	Color
Hex	E1E0CB
RGB	225, 224, 203
RGB Percent	88%, 88%, 80%
CMY	0.1176, 0.1214, 0.2039
CMYK	0.00, 0.00, 0.10, 0.12
HSL	57°, 27%, 84%
HSV	57°, 10%, 88%
XYZ	68.4982, 73.6540, 67.1063
YIQ	221.9050, 7.3370, -6.3190

Conversions

Conversions Part 2

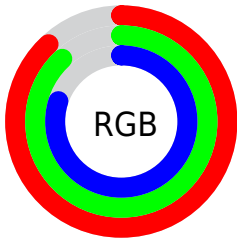
Format	Color
RYB	204, 225, 203
Decimal	14803147
CIELab	88.76, -3.27, 10.42
CIElCh	89, 10.916, 107.405
Yxy	73.6540, 0.3273, 0.3520
Android (android.graphics.Color)	4292993227 (0xFFE1E0CB)
YUV	221.9050, -9.3202, 2.7143
Hunter-Lab	85.8219, -7.7198, 13.7150

Details

The RYB color **204, 225, 203** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **203, 204, 225**, and the grayscale version is **222, 222, 222**.

A 20% lighter version of the original color is **255, 255, 255**, and **150, 170, 149** is the 20% darker color. If you saturate the color by 10%, you get **182, 225, 180**, and if you desaturate by 10%, it is **225, 225, 225**.

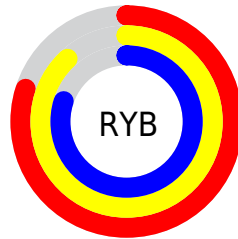
Distribution



Red (88%)

Green (88%)

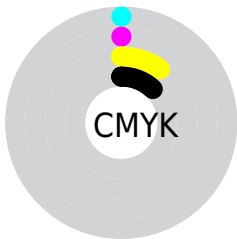
Blue (80%)



Red (80%)

Yellow (88%)

Blue (80%)

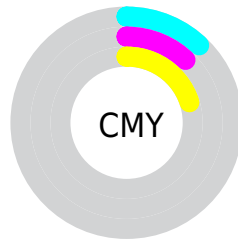


Cyan (0%)

Magenta (0%)

Yellow (10%)

Black (12%)



Cyan (12%)

Magenta (12%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RYB color 204, 225, 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 204, 225, 203 by changing the saturation by 10% instead.

■ 204, 225, 203

255, 255, 255

■ 204, 225, 203

■ 177, 197, 176

■ 150, 170, 149

■ 124, 143, 123

■ 98, 117, 98

■ 75, 93, 74

■ 52, 69, 52

■ 30, 47, 30

■ 7, 27, 6

■ 0, 0, 0

 204, 225, 203

 204, 225, 203

 182, 225, 180

 225, 225, 225

 161, 225, 158

 225, 226, 248

 140, 225, 136

 225, 227, 255

 118, 225, 113

 225, 228, 255

 97, 225, 91

 225, 229, 255

 75, 225, 68


 225, 229, 255

 53, 225, 45

 225, 230, 255

 32, 225, 23

 225, 231, 255

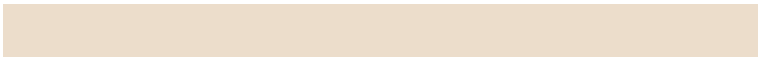
 10, 225, 0

 225, 231, 255

Harmonies

Analogous

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



231, 236, 203



204, 225, 203



209, 227, 223

Triad

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



204, 225, 203



199, 216, 238



242, 216, 228

Complementary

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



204, 225, 203



203, 204, 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.



232, 218, 237



204, 225, 203



207, 219, 243

Square

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



204, 225, 203



197, 213, 229



220, 222, 243



246, 216, 217

Rectangle

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



204, 225, 203



206, 222, 228



220, 222, 243



239, 217, 231

Sweetspot

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



204, 225, 203



247, 255, 247



225, 203, 204



123, 128, 122



0, 0, 0



128, 128, 128

Same Dimension

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



204, 225, 203



225, 255, 224



203, 225, 213



101, 112, 101



8, 176, 0



2, 48, 0

Inverse Universe

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



203, 204, 225



224, 226, 255



213, 203, 225



101, 101, 112



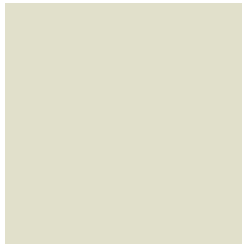
0, 8, 176



0, 2, 48

Previews

White Background



This preview shows how the RYB color 204, 225, 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 204, 225, 203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

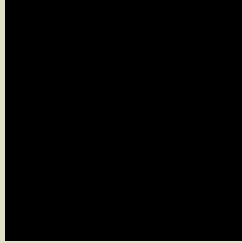
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

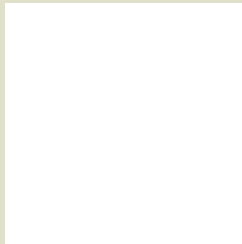
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

R Y B 204, 225, 203 Background



This preview shows how black text looks on a background with the R Y B color 204, 225, 203.




This preview shows how white text looks on a background with the R Y B color 204, 225, 203.

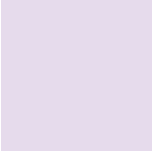
Color Blindness Simulation

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

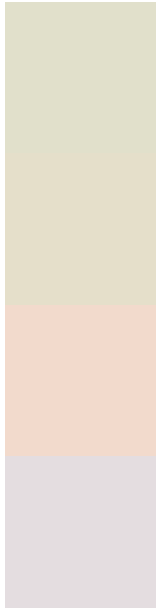


Original Color 204, 225, 203
Protanopia 217, 232, 202
Deuteranopia 251, 218, 205



Tritanopia
230, 219, 236

Trichromacy



Original Color

204, 225, 203

Protanomaly

210, 229, 202

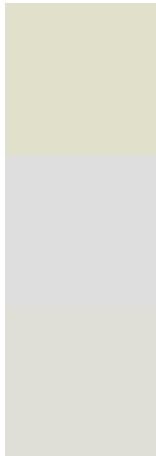
Deuteranomaly

242, 226, 204

Tritanomaly

228, 221, 224

Monochromacy



Original Color

204, 225, 203

Achromatopsia

222, 222, 222

Achromatomaly

215, 223, 215

CSS Examples

Text

The CSS property to change the color of the text to RYB 204, 225, 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(225, 224, 203) looks like.

```
.text, #text, p{  
    color:rgb(225, 224, 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(225, 224, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 224, 203) }
```

Border

The CSS property to change the border of an element to RYB 204, 225, 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(225, 224, 203) }
```

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

```
.border{ border-color:rgb(225, 224, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 224, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 224, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 224, 203);  
box-shadow:4px 4px 4px 4px rgb(225, 224,  
203) }
```

Background

The CSS property to change the background color of an element to RGB 204, 225, 203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 224, 203) }
```

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

```
.background{ background-color: rgb(225,  
224, 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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