

Converting Colors

`RYB(204, 227, 206)`

Have a look what the booklet for
RYB(204, 227, 206) contains.

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Color

R_YB(204, 227, 206)

Conversions

Conversions Part 1

Format	Color
Hex	E1E3CC
RGB	225, 227, 204
RGB Percent	88%, 89%, 80%
CMY	0.1176, 0.1098, 0.2000
CMYK	0.01, 0.00, 0.10, 0.11
HSL	65°, 29%, 85%
HSV	65°, 10%, 89%
XYZ	69.4195, 75.3054, 68.0033
YIQ	223.7800, 6.1910, -7.5770

Conversions

Conversions Part 2

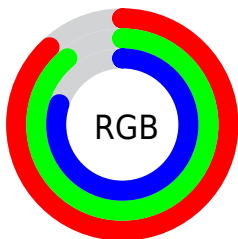
Format	Color
RYB	204, 227, 206
Decimal	14803916
CIELab	89.54, -4.61, 11.00
CIELCh	90, 11.930, 112.753
Yxy	75.3054, 0.3263, 0.3540
Android (android.graphics.Color)	4292993996 (0xFFE1E3CC)
YUV	223.7800, -9.7515, 1.0699
Hunter-Lab	86.7787, -9.0697, 14.2830

Details

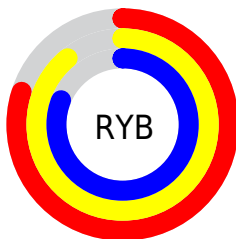
The RYB color **204, 227, 206** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **206, 204, 227**, and the grayscale version is **224, 224, 224**.

A 20% lighter version of the original color is **255, 255, 255**, and **150, 172, 152** is the 20% darker color. If you saturate the color by 10%, you get **181, 227, 185**, and if you desaturate by 10%, it is **227, 227, 227**.

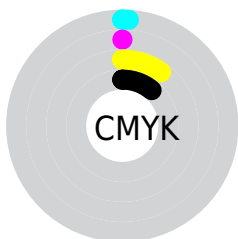
Distribution



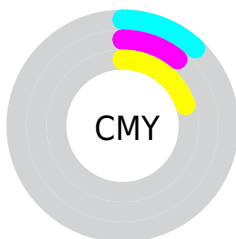
- Red (88%)
- Green (89%)
- Blue (80%)



- Red (80%)
- Yellow (89%)
- Blue (81%)



- Cyan (1%)
- Magenta (0%)
- Yellow (10%)
- Black (11%)



- Cyan (12%)
- Magenta (11%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RYB color 204, 227, 206 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, 227, 206 by changing the saturation by 10% instead.

■ 204, 227, 206

255, 255, 255

■ 204, 227, 206

■ 177, 199, 179

■ 150, 172, 152

■ 124, 145, 126

■ 99, 120, 102

■ 75, 95, 77

■ 52, 71, 54


■ 31, 49, 33

■ 8, 28, 10

■ 0, 0, 0

 204, 227, 206

 204, 227, 206

 181, 227, 185

 227, 227, 227

 159, 227, 165

 229, 227, 249

 136, 227, 144

 231, 227, 255

 113, 227, 123

 233, 227, 255

 91, 227, 103

 235, 227, 255

 68, 227, 82

 237, 227, 255

 45, 227, 61

 239, 227, 255

 22, 227, 40

 241, 227, 255

 0, 227, 20

 243, 227, 255

Harmonies

Analogous

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



227, 237, 203



204, 227, 206



211, 230, 229

Triad

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



204, 227, 206



200, 218, 243



247, 218, 228

Complementary

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



204, 227, 206



206, 204, 227

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.



237, 220, 239



204, 227, 206



210, 222, 247

Square

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



204, 227, 206



197, 215, 233



224, 223, 246



250, 218, 217

Rectangle

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



204, 227, 206



204, 222, 231



224, 223, 246



244, 218, 232

Sweetspot

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



204, 227, 206



247, 255, 248



227, 206, 204



122, 128, 123



0, 0, 0



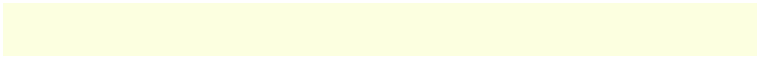
128, 128, 128

Same Dimension

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



204, 227, 206



224, 255, 227



204, 227, 217



103, 115, 104



0, 179, 16



0, 51, 4

Inverse Universe

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



206, 204, 227



227, 224, 255



217, 204, 227



104, 103, 115



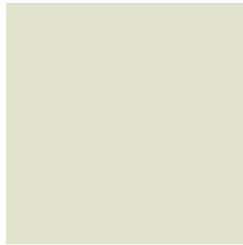
16, 0, 179



4, 0, 51

Previews

White Background



This preview shows how the RYB color 204, 227, 206 looks on a white background.

Color Contrast Check

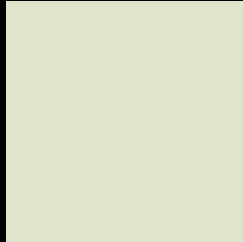
Large Text (above 18pt) WCAG AA × Fail

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, 227, 206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

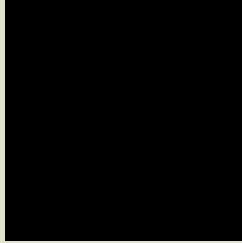
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

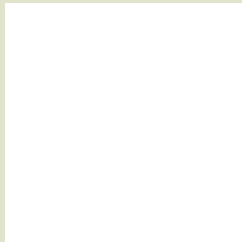
Any Text WCAG AAA ✓ Pass

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

RYB 204, 227, 206 Background



This preview shows how black text looks on a background with the RYB color 204, 227, 206.

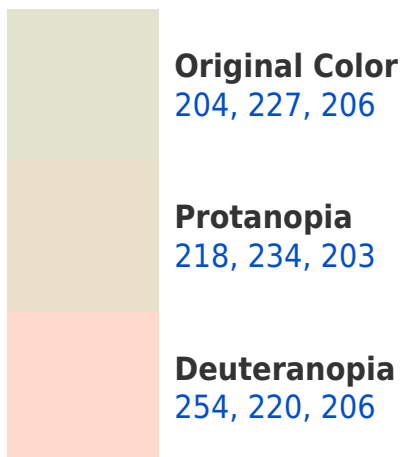


This preview shows how white text looks on a background with the RYB color 204, 227, 206.

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

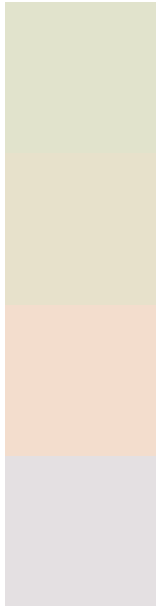




Tritanopia

230, 222, 239

Trichromacy



Original Color

204, 227, 206

Protanomaly

211, 231, 203

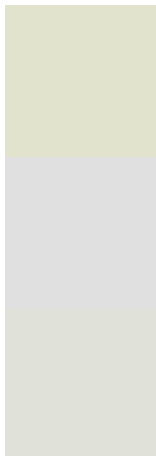
Deuteranomaly

243, 233, 205

Tritanomaly

228, 224, 226

Monochromacy



Original Color

204, 227, 206

Achromatopsia

224, 224, 224

Achromatomaly

217, 225, 218

CSS Examples

Text

The CSS property to change the color of the text to RYB 204, 227, 206 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, 227, 204) looks like.

```
.text, #text, p{  
    color:rgb(225, 227, 204)  
}
```

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, 227, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 227, 204) }
```

Border

The CSS property to change the border of an element to RYB 204, 227, 206 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, 227, 204) }
```

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

```
.border{ border-color:rgb(225, 227, 204) }
```

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

Here you see how a box with a 4 pixel rgb(225, 227, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 227, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 227, 204);  
box-shadow:4px 4px 4px 4px rgb(225, 227,  
204) }
```

Background

The CSS property to change the background color of an element to RGB 204, 227, 206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 227, 204) }
```

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

```
.background{ background-color: rgb(225,  
227, 204) }
```

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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