

Converting Colors

`RYB(204, 220, 216)`

Have a look what the booklet for
RYB(204, 220, 216) contains.

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Color

R_YB(204, 220, 216)

Conversions

Conversions Part 1

Format	Color
Hex	D0DCCC
RGB	208, 220, 204
RGB Percent	82%, 86%, 80%
CMY	0.1843, 0.1373, 0.2000
CMYK	0.05, 0.00, 0.07, 0.14
HSL	105°, 19%, 83%
HSV	105°, 7%, 86%
XYZ	62.5047, 68.9559, 67.1422
YIQ	214.5880, -2.0160, -7.5200

Conversions

Conversions Part 2

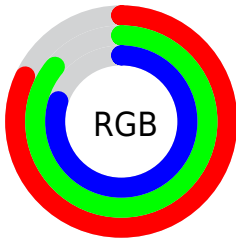
Format	Color
R _Y B	204, 220, 216
Decimal	13688012
CIE Lab	86.48, -6.93, 6.46
CIE LCh	86, 9.474, 136.999
Yxy	68.9559, 0.3147, 0.3472
Android (android.graphics.Color)	4291878092 (0xFFD0DCCC)
YUV	214.5880, -5.2199, -5.7777
Hunter-Lab	83.0397, -10.9610, 10.1885

Details

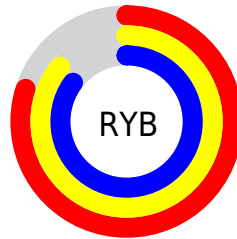
The RYB color **204, 220, 216** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **216, 204, 220**, and the grayscale version is **215, 215, 215**.

A 20% lighter version of the original color is **255, 255, 255**, and **150, 165, 161** is the 20% darker color. If you saturate the color by 10%, you get **182, 220, 211**, and if you desaturate by 10%, it is **225, 220, 226**.

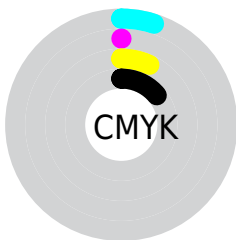
Distribution



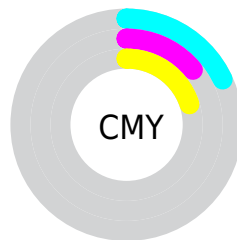
- Red (82%)
- Green (86%)
- Blue (80%)



- Red (80%)
- Yellow (86%)
- Blue (85%)



- Cyan (5%)
- Magenta (0%)
- Yellow (7%)
- Black (14%)



- Cyan (18%)
- Magenta (14%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RYB color 204, 220, 216 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, 220, 216 by changing the saturation by 10% instead.

■ 204, 220, 216

255, 255, 255

■ 204, 220, 216

■ 177, 192, 189

■ 150, 165, 161

■ 124, 139, 135

■ 99, 113, 109

■ 75, 89, 85

■ 53, 65, 62

■ 31, 43, 40

■ 8, 23, 18

■ 0, 0, 0

 204, 220, 216

 204, 220, 216

 182, 220, 211

 225, 220, 226

 160, 220, 205

 241, 220, 248

 138, 220, 200

 255, 220, 255

 116, 220, 194

 94, 220, 189

 72, 220, 183

 50, 220, 178

 28, 220, 172

 6, 220, 167

Harmonies

Analogous

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



200, 218, 199



204, 220, 216



199, 214, 222

Triad

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



204, 220, 216



203, 213, 234



236, 211, 212

Complementary

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



204, 220, 216



216, 204, 220

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.



233, 211, 221



204, 220, 216



214, 215, 233

Square

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



204, 220, 216



196, 210, 229



224, 213, 229



234, 215, 204

Rectangle

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



204, 220, 216



196, 210, 222



224, 213, 229



236, 210, 215

Sweetspot

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



204, 220, 216



250, 255, 254



209, 220, 204



125, 128, 127



0, 0, 0



128, 128, 128

Same Dimension

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



204, 220, 216



232, 255, 249



204, 217, 220



99, 110, 108



0, 173, 130



0, 46, 35

Inverse Universe

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



216, 204, 220



249, 232, 255



220, 204, 216



107, 99, 110



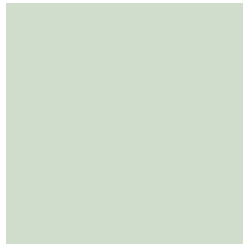
130, 0, 173



34, 0, 46

Previews

White Background



This preview shows how the RYB color 204, 220, 216 looks on a white background.

Color Contrast Check

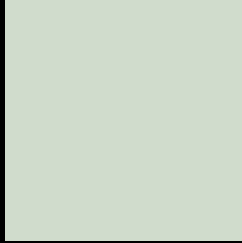
Large Text (above 18pt) WCAG AA × Fail

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, 220, 216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

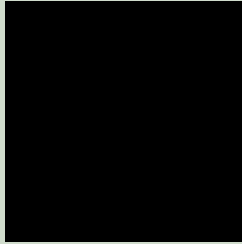
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

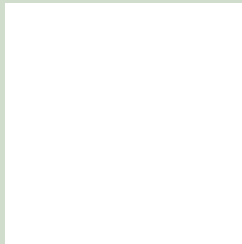
Any Text WCAG AAA ✓ Pass

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

R/Y/B 204, 220, 216 Background



This preview shows how black text looks on a background with the R/Y/B color 204, 220, 216.



This preview shows how white text looks on a background with the R/Y/B color 204, 220, 216.

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](#).

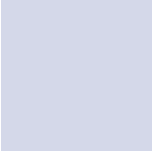
Dichromacy



Original Color
204, 220, 216

Protanopia
217, 224, 202

Deuteranopia
241, 209, 206



Tritanopia
212, 215, 233

Trichromacy



Original Color

204, 220, 216

Protanomaly

204, 218, 203

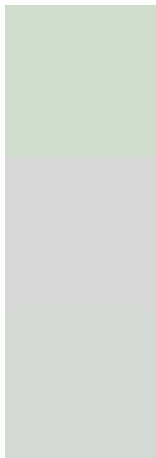
Deuteranomaly

229, 217, 205

Tritanomaly

211, 215, 222

Monochromacy



Original Color

204, 220, 216

Achromatopsia

215, 215, 215

Achromatomaly

211, 217, 216

CSS Examples

Text

The CSS property to change the color of the text to RYB 204, 220, 216 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(208, 220, 204) looks like.

```
.text, #text, p{  
    color:rgb(208, 220, 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(208, 220, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 220, 204) }
```

Border

The CSS property to change the border of an element to RYB 204, 220, 216 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(208, 220, 204) }
```

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

```
.border{ border-color:rgb(208, 220, 204) }
```

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

Here you see how a box with a 4 pixel rgb(208, 220, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 220, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 220, 204);  
box-shadow:4px 4px 4px 4px rgb(208, 220,  
204) }
```

Background

The CSS property to change the background color of an element to RYB 204, 220, 216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 220, 204) }
```

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

```
.background{ background-color: rgb(208,  
220, 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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