

Converting Colors

RYB(204, 226, 218)

Have a look what the booklet for
RYB(204, 226, 218) contains.

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Color

R_YB(204, 226, 218)

Conversions

Conversions Part 1

Format	Color
Hex	D4E2CC
RGB	212, 226, 204
RGB Percent	83%, 89%, 80%
CMY	0.1686, 0.1137, 0.2000
CMYK	0.06, 0.00, 0.10, 0.11
HSL	98°, 27%, 84%
HSV	98°, 10%, 89%
XYZ	65.2468, 72.7494, 67.7299
YIQ	219.3060, -1.2820, -9.8100

Conversions

Conversions Part 2

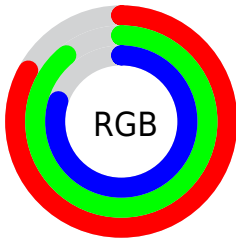
Format	Color
R_{YB}	204, 226, 218
Decimal	13951692
CIE _{Lab}	88.33, -8.62, 9.15
CIE _{LCh}	88, 12.568, 133.287
Yxy	72.7494, 0.3172, 0.3536
Android (android.graphics.Color)	4292141772 (0xFFD4E2CC)
YUV	219.3060, -7.5459, -6.4074
Hunter-Lab	85.2933, -12.7160, 12.6241

Details

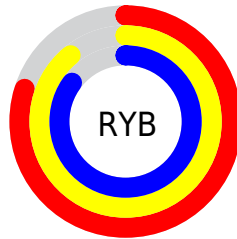
The RYB color **204, 226, 218** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **218, 204, 226**, and the grayscale version is **219, 219, 219**.

A 20% lighter version of the original color is 255, 255, 255, and **150, 171, 164** is the 20% darker color. If you saturate the color by 10%, you get **181, 226, 209**, and if you desaturate by 10%, it is **226, 226, 227**.

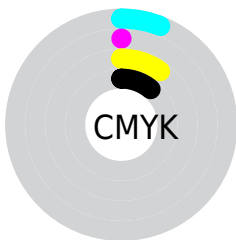
Distribution



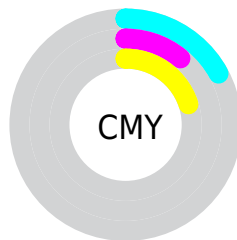
- Red (83%)
- Green (89%)
- Blue (80%)



- Red (80%)
- Yellow (89%)
- Blue (85%)



- Cyan (6%)
- Magenta (0%)
- Yellow (10%)
- Black (11%)



- Cyan (17%)
- Magenta (11%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RYB color 204, 226, 218 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, 226, 218 by changing the saturation by 10% instead.

■ 204, 226, 218

255, 255, 255

■ 204, 226, 218

■ 177, 198, 191

■ 150, 171, 164

■ 124, 144, 137

■ 99, 119, 112

■ 75, 94, 87

■ 53, 70, 64


■ 31, 48, 42

■ 8, 27, 18

■ 0, 0, 0

 204, 226, 218

 204, 226, 218

 181, 226, 209

 226, 226, 227

 159, 226, 202

 241, 226, 249

 136, 226, 193

 255, 226, 255

 114, 226, 186

 91, 226, 177

 68, 226, 168

 46, 226, 161

 23, 226, 152

 1, 226, 144

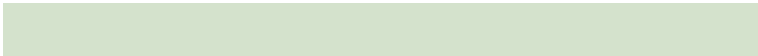
Harmonies

Analogous

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



203, 226, 198



204, 226, 218



200, 219, 228

Triad

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



204, 226, 218



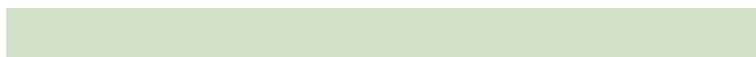
202, 217, 244



247, 214, 217

Complementary

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



204, 226, 218



218, 204, 226

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.



242, 214, 229



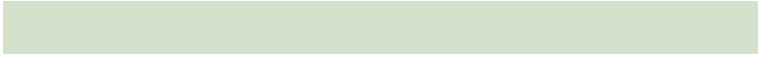
204, 226, 218



216, 220, 245

Square

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



204, 226, 218



193, 213, 238



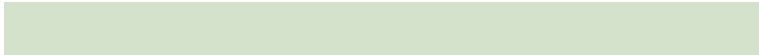
231, 217, 239



246, 218, 206

Rectangle

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



204, 226, 218



194, 213, 229



231, 217, 239



246, 214, 221

Sweetspot

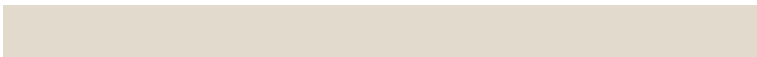
The Sweet Spot groups the original color and five complimentary colors.



204, 226, 218



247, 255, 252



217, 226, 204



122, 128, 126



0, 0, 0



128, 128, 128

Same Dimension

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



204, 226, 218



224, 255, 243



204, 223, 226



101, 112, 108



0, 176, 112



0, 48, 30

Inverse Universe

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



218, 204, 226



244, 224, 255



226, 204, 223



108, 101, 112



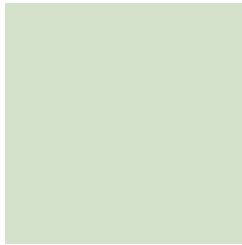
112, 0, 176



31, 0, 48

Previews

White Background



This preview shows how the RYB color 204, 226, 218 looks on a white background.

Color Contrast Check

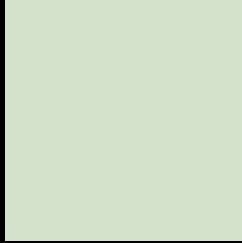
Large Text (above 18pt) WCAG AA × Fail

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, 226, 218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

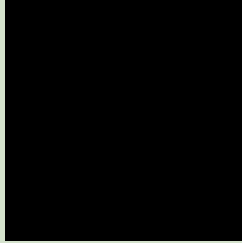
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

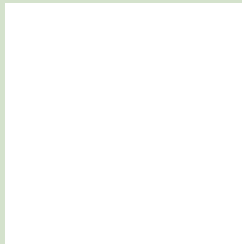
Any Text WCAG AAA ✓ Pass

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

R/Y/B 204, 226, 218 Background



This preview shows how black text looks on a background with the R/Y/B color 204, 226, 218.



This preview shows how white text looks on a background with the R/Y/B color 204, 226, 218.

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

217, 220, 238

Trichromacy



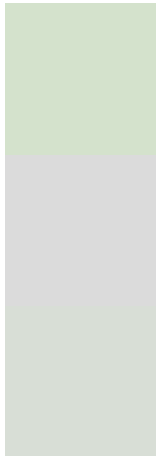
Original Color
204, 226, 218

Protanomaly
202, 223, 202

Deuteranomaly
235, 228, 205

Tritanomaly
215, 220, 226

Monochromacy



Original Color
204, 226, 218

Achromatopsia
219, 219, 219

Achromatomaly
214, 222, 220

CSS Examples

Text

The CSS property to change the color of the text to RYB 204, 226, 218 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(212, 226, 204) looks like.

```
.text, #text, p{  
    color:rgb(212, 226, 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(212, 226, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 226, 204) }
```

Border

The CSS property to change the border of an element to RYB 204, 226, 218 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(212, 226, 204) }
```

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

```
.border{ border-color:rgb(212, 226, 204) }
```

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

Here you see how a box with a 4 pixel rgb(212, 226, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 226, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 226, 204);  
box-shadow:4px 4px 4px 4px rgb(212, 226,  
204) }
```

Background

The CSS property to change the background color of an element to RGB 204, 226, 218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 226, 204) }
```

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

```
.background{ background-color: rgb(212,  
226, 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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