

Converting Colors

RYB(204, 217, 229)

Have a look what the booklet for RYB(204, 217, 229) contains.

RYB(204, 217, 229)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(204, 217, 229)

Conversions

Conversions Part 1

Format	Color
Hex	CCE5E3
RGB	204, 229, 227
RGB Percent	80%, 90%, 89%
CMY	0.2000, 0.1020, 0.1095
CMYK	0.11, 0.00, 0.01, 0.10
HSL	175°, 32%, 85%
HSV	175°, 11%, 90%
XYZ	66.7969, 74.4263, 83.5739
YIQ	221.2970, -14.2580, -5.9220

Conversions

Conversions Part 2

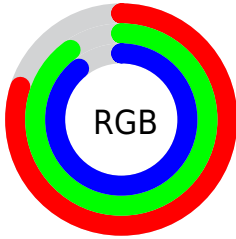
Format	Color
R_{YB}	204, 217, 229
Decimal	13428195
CIE _{Lab}	89.12, -8.58, -1.87
CIE _{LCh}	89, 8.782, 192.304
Yxy	74.4263, 0.2971, 0.3311
Android (android.graphics.Color)	4291618275 (0xFFCCE5E3)
YUV	221.2970, 2.8116, -15.1695
Hunter-Lab	86.2707, -12.7663, 2.9529

Details

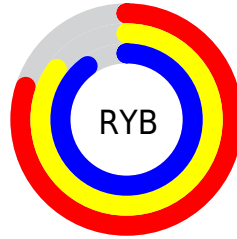
The RYB color **204, 217, 229** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **229, 204, 206**, and the grayscale version is **221, 221, 221**.

A 20% lighter version of the original color is 255, 255, 255, and **150, 163, 174** is the 20% darker color. If you saturate the color by 10%, you get **181, 206, 229**, and if you desaturate by 10%, it is **227, 228, 229**.

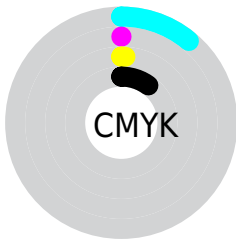
Distribution



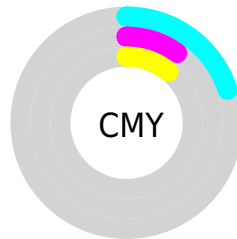
- Red (80%)
- Green (90%)
- Blue (89%)



- Red (80%)
- Yellow (85%)
- Blue (90%)



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



- Cyan (20%)
- Magenta (10%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RYB color 204, 217, 229 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, 217, 229 by changing the saturation by 10% instead.

■ 204, 217, 229

255, 255, 255

■ 204, 217, 229

■ 176, 189, 201

■ 150, 163, 174

■ 124, 136, 147

■ 99, 110, 121

■ 74, 85, 96

■ 51, 63, 73

■ 29, 40, 50

■ 8, 19, 29

■ 0, 0, 1

 204, 217, 229

 204, 217, 229

 181, 206, 229


 227, 228, 229

 158, 195, 229


 250, 229, 231

 135, 184, 229


 255, 229, 232

 112, 173, 229


 255, 229, 234

 90, 162, 229


 255, 229, 236

 67, 151, 229


 255, 229, 238

 44, 140, 229

 255, 229, 239

 21, 129, 229

 255, 229, 241

 0, 119, 229

 255, 229, 243

Harmonies

Analogous

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



209, 223, 229



204, 217, 229



204, 218, 235

Triad

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



204, 217, 229



230, 221, 236



236, 236, 208

Complementary

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



204, 217, 229



229, 204, 206

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.



241, 221, 213



204, 217, 229



238, 219, 229

Square

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



204, 217, 229



220, 223, 240



242, 218, 221



212, 227, 208

Rectangle

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



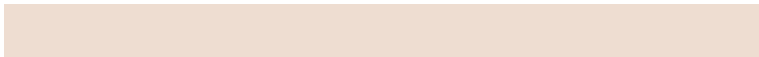
204, 217, 229



208, 220, 238



242, 218, 221



238, 229, 209

Sweetspot

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



204, 217, 229



247, 251, 255



204, 229, 227



122, 125, 128



0, 0, 0



128, 128, 128

Same Dimension

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



204, 217, 229



222, 239, 255



204, 213, 229



103, 109, 115



0, 93, 179



0, 27, 51

Inverse Universe

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



229, 204, 206



255, 222, 224



229, 221, 204



115, 103, 104



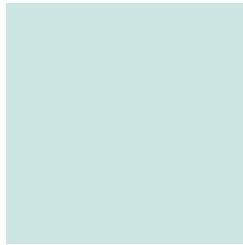
179, 0, 14



51, 0, 4

Previews

White Background



This preview shows how the RYB color 204, 217, 229 looks on a white background.

Color Contrast Check

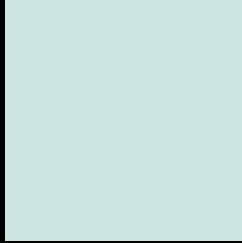
Large Text (above 18pt) WCAG AA × Fail

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, 217, 229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

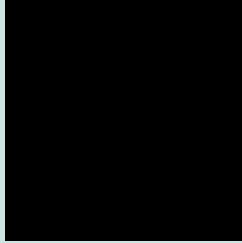
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

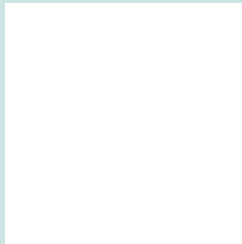
Any Text WCAG AAA ✓ Pass

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

RYB 204, 217, 229 Background



This preview shows how black text looks on a background with the RYB color 204, 217, 229.



This preview shows how white text looks on a background with the RYB color 204, 217, 229.

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](#).

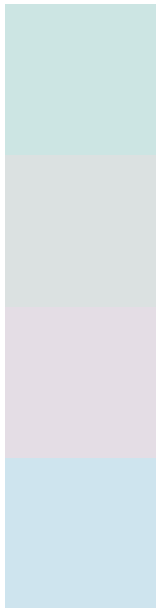
Dichromacy





Tritanopia
207, 220, 244

Trichromacy



Original Color
204, 217, 229

Protanomaly
219, 222, 225

Deuteranomaly
228, 221, 229

Tritanomaly
206, 219, 238

Monochromacy



Original Color
204, 217, 229

Achromatopsia
221, 221, 221

Achromatomaly
215, 220, 224

CSS Examples

Text

The CSS property to change the color of the text to RYB 204, 217, 229 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(204, 229, 227)` looks like.

```
.text, #text, p{  
    color:rgb(204, 229, 227)  
}
```

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(204, 229, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 229, 227) }
```

Border

The CSS property to change the border of an element to RYB 204, 217, 229 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(204, 229, 227) }
```

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

```
.border{ border-color:rgb(204, 229, 227) }
```

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

Here you see how a box with a 4 pixel rgb(204, 229, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 229, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 229, 227);  
box-shadow:4px 4px 4px 4px rgb(204, 229,  
227) }
```

Background

The CSS property to change the background color of an element to RYB 204, 217, 229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 229, 227) }
```

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

```
.background{ background-color: rgb(204,  
229, 227) }
```

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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