

Converting Colors

`RYB(204, 223, 234)`

Have a look what the booklet for RYB(204, 223, 234) contains.

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Color

R_YB(204, 223, 234)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | CCEADD |
| RGB | 204, 234, 221 |
| RGB Percent | 80%, 92%, 87% |
| CMY | 0.2000, 0.0824, 0.1319 |
| CMYK | 0.13, 0.00, 0.05, 0.08 |
| HSL | 155°, 42%, 86% |
| HSV | 155°, 13%, 92% |
| XYZ | 67.4250, 76.9231, 79.9582 |
| YIQ | 223.5480, -13.7070, -10.4030 |

Conversions

Conversions Part 2

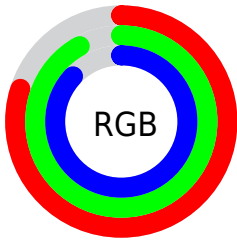
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 204, 223, 234 |
| Decimal | 13429469 |
| CIE _{Lab} | 90.29, -12.20, 2.81 |
| CIE _{LCh} | 90, 12.523, 167.020 |
| Yxy | 76.9231, 0.3006, 0.3429 |
| Android (android.graphics.Color) | 4291619549 (0xFFCCEADD) |
| YUV | 223.5480, -1.2562, -17.1436 |
| Hunter-Lab | 87.7058, -16.2611, 7.3415 |

Details

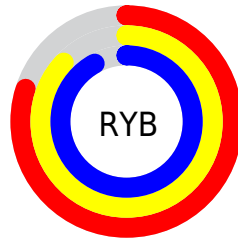
The RYB color **204, 223, 234** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **234, 204, 217**, and the grayscale version is **224, 224, 224**.

A 20% lighter version of the original color is **255, 255, 255**, and **150, 168, 178** is the 20% darker color. If you saturate the color by 10%, you get **181, 214, 234**, and if you desaturate by 10%, it is **227, 231, 234**.

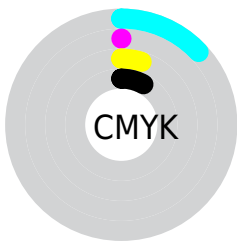
Distribution



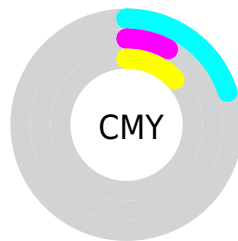
- Red (80%)
- Green (92%)
- Blue (87%)



- Red (80%)
- Yellow (87%)
- Blue (92%)



- Cyan (13%)
- Magenta (0%)
- Yellow (5%)
- Black (8%)



- Cyan (20%)
- Magenta (8%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RYB color 204, 223, 234 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, 223, 234 by changing the saturation by 10% instead.

■ 204, 223, 234

255, 255, 255

■ 204, 223, 234

■ 176, 195, 206

■ 150, 168, 178

■ 124, 142, 152

■ 98, 115, 126

■ 74, 91, 101

■ 51, 67, 77


■ 29, 44, 54

■ 8, 22, 32

■ 0, 2, 2

 204, 223, 234


 204, 223, 234

 181, 214, 234


 227, 231, 234

 157, 206, 234


 251, 234, 241


 134, 197, 234


 255, 234, 251


 110, 188, 234

 255, 234, 255

 87, 180, 234

 64, 172, 234

 40, 163, 234

 17, 154, 234

 0, 148, 234

Harmonies

Analogous

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



211, 232, 227



204, 223, 234



198, 216, 234

Triad

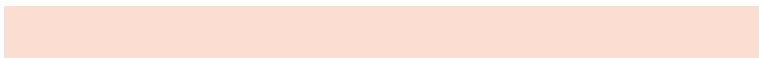
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



204, 223, 234



223, 226, 250



251, 225, 210

Complementary

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



204, 223, 234



234, 204, 217

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.



253, 219, 221



204, 223, 234



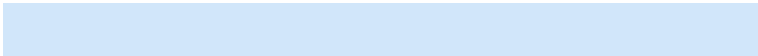
238, 222, 244

Square

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



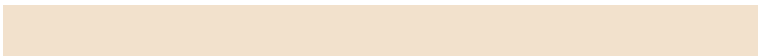
204, 223, 234



209, 223, 250



249, 220, 233



235, 242, 204

Rectangle

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



204, 223, 234



198, 218, 241



249, 220, 233



252, 222, 213

Sweetspot

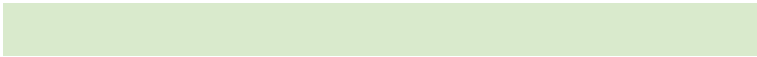
The Sweet Spot groups the original color and five complimentary colors.



204, 223, 234



245, 251, 255



204, 234, 221



121, 125, 128



0, 0, 0



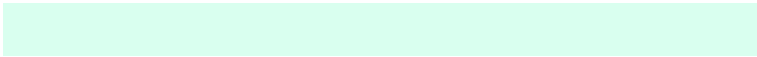
128, 128, 128

Same Dimension

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



204, 223, 234



217, 241, 255



204, 218, 234



106, 113, 117



0, 115, 181



0, 34, 54

Inverse Universe

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



234, 204, 217



255, 217, 233



234, 206, 204



117, 106, 111



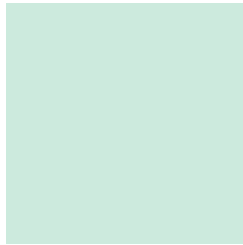
181, 0, 76



54, 0, 23

Previews

White Background



This preview shows how the RYB color 204, 223, 234 looks on a white background.

Color Contrast Check

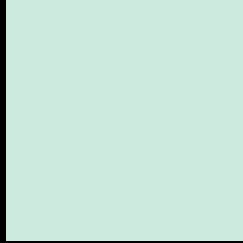
Large Text (above 18pt) WCAG AA × Fail

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, 223, 234 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

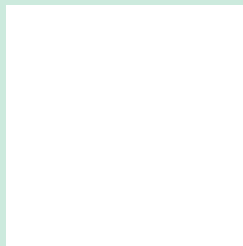
Any Text WCAG AAA ✓ Pass

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

RYP 204, 223, 234 Background



This preview shows how black text looks on a background with the RYP color 204, 223, 234.



This preview shows how white text looks on a background with the RYP color 204, 223, 234.

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

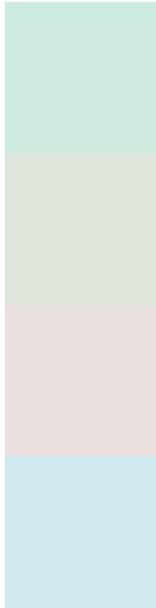




Tritanopia

209, 223, 248

Trichromacy



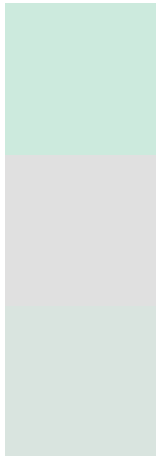
Original Color
204, 223, 234

Protanomaly
219, 229, 226

Deuteranomaly
233, 224, 223

Tritanomaly
207, 221, 238

Monochromacy



Original Color
204, 223, 234

Achromatopsia
224, 224, 224

Achromatomaly
217, 224, 228

CSS Examples

Text

The CSS property to change the color of the text to RYB 204, 223, 234 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, 234, 221)` looks like.

```
.text, #text, p{  
    color:rgb(204, 234, 221)  
}
```

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, 234, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 234, 221) }
```

Border

The CSS property to change the border of an element to RYB 204, 223, 234 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, 234, 221) }
```

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

```
.border{ border-color:rgb(204, 234, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 234, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 234, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 234, 221);  
box-shadow:4px 4px 4px 4px rgb(204, 234,  
221) }
```

Background

The CSS property to change the background color of an element to RGB 204, 223, 234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 234, 221) }
```

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

```
.background{ background-color: rgb(204,  
234, 221) }
```

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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