

Converting Colors

`RYB(190, 216, 234)`

Have a look what the booklet for
RYB(190, 216, 234) contains.

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Color

R_YB(190, 216, 234)

Conversions

Conversions Part 1

Format	Color
Hex	BEEADC
RGB	190, 234, 220
RGB Percent	75%, 92%, 86%
CMY	0.2549, 0.0824, 0.1354
CMYK	0.19, 0.00, 0.06, 0.08
HSL	162°, 51%, 83%
HSV	162°, 19%, 92%
XYZ	63.6375, 74.9846, 79.1505
YIQ	219.2480, -21.7300, -13.6820

Conversions

Conversions Part 2

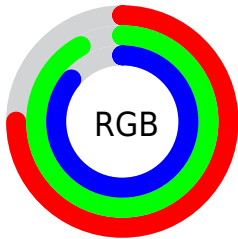
Format	Color
R _{YB}	190, 216, 234
Decimal	12511964
CIE Lab	89.39, -16.83, 1.87
CIE LCh	89, 16.936, 173.661
Yxy	74.9846, 0.2922, 0.3443
Android (android.graphics.Color)	4290702044 (0xFFBEEADC)
YUV	219.2480, 0.3707, -25.6505
Hunter-Lab	86.5936, -20.3595, 6.4218

Details

The RYB color **190, 216, 234** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **234, 190, 204**, and the grayscale version is **219, 219, 219**.

A 20% lighter version of the original color is **247, 251, 255**, and **136, 161, 178** is the 20% darker color. If you saturate the color by 10%, you get **167, 207, 234**, and if you desaturate by 10%, it is **213, 225, 234**.

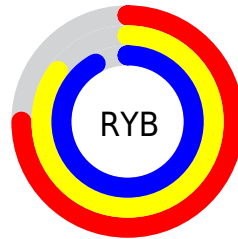
Distribution



Red (75%)

Green (92%)

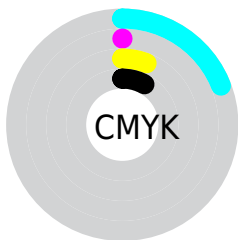
Blue (86%)



Red (75%)

Yellow (85%)

Blue (92%)

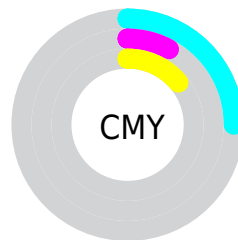


Cyan (19%)

Magenta (0%)

Yellow (6%)

Black (8%)



Cyan (25%)

Magenta (8%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the RYB color 190, 216, 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 190, 216, 234 by changing the saturation by 10% instead.

■ 190, 216, 234

255, 255, 255

■ 247, 251, 255

■ 190, 216, 234

■ 163, 188, 206

■ 136, 161, 178

■ 110, 134, 151

■ 85, 108, 125

■ 61, 84, 100

■ 37, 59, 76

■ 13, 36, 53

■ 0, 19, 32

■ 0, 0, 0

 190, 216, 234


 190, 216, 234

 167, 207, 234


 213, 225, 234

 143, 197, 234


 237, 234, 235

 120, 187, 234


 255, 234, 242


 96, 177, 234

 255, 234, 249


 73, 168, 234

 255, 234, 255

 50, 159, 234

 26, 149, 234

 3, 139, 234

 0, 138, 234

Harmonies

Analogous

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



205, 232, 232



190, 216, 234



183, 209, 237

Triad

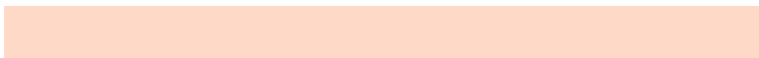
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



190, 216, 234



224, 222, 254



254, 226, 199

Complementary

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



190, 216, 234



234, 190, 204

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.



255, 214, 212



190, 216, 234



243, 217, 244

Square

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



190, 216, 234



203, 219, 255



255, 214, 229



224, 241, 193

Rectangle

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



190, 216, 234



185, 212, 246



255, 214, 229



255, 220, 203

Sweetspot

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



190, 216, 234



240, 249, 255



190, 234, 220



119, 124, 128



0, 0, 0



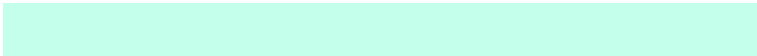
128, 128, 128

Same Dimension

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



190, 216, 234



196, 231, 255



190, 210, 234



106, 112, 117



0, 107, 181



0, 32, 54

Inverse Universe

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



234, 190, 204



255, 196, 214



234, 200, 190



117, 106, 109



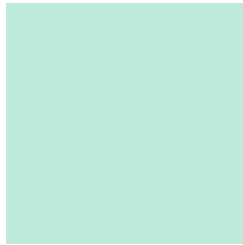
181, 0, 56



54, 0, 16

Previews

White Background



This preview shows how the RYB color 190, 216, 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 190, 216, 234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

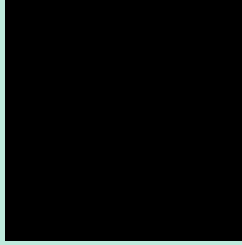
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

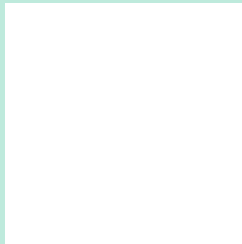
Any Text WCAG AAA ✓ Pass

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

RYB 190, 216, 234 Background



This preview shows how black text looks on a background with the RYB color 190, 216, 234.




This preview shows how white text looks on a background with the RYB color 190, 216, 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](#).

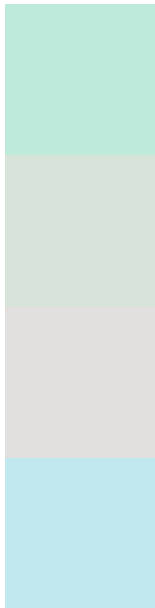
Dichromacy





Tritanopia
195, 216, 248

Trichromacy



Original Color
190, 216, 234

Protanomaly
215, 226, 227

Deuteranomaly
226, 223, 223

Tritanomaly
193, 214, 238

Monochromacy



Original Color
190, 216, 234

Achromatopsia
219, 219, 219

Achromatomaly
208, 217, 224

CSS Examples

Text

The CSS property to change the color of the text to RYB 190, 216, 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(190, 234, 220)` looks like.

```
.text, #text, p{  
    color:rgb(190, 234, 220)  
}
```

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(190, 234, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 234, 220) }
```

Border

The CSS property to change the border of an element to RYB 190, 216, 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(190, 234, 220) }
```

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

```
.border{ border-color:rgb(190, 234, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 234, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 234, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 234, 220);  
box-shadow:4px 4px 4px 4px rgb(190, 234,  
220) }
```

Background

The CSS property to change the background color of an element to RYB 190, 216, 234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 234, 220) }
```

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

```
.background{ background-color: rgb(190,  
234, 220) }
```

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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