

Converting Colors

`RYB(194, 215, 235)`

Have a look what the booklet for RYB(194, 215, 235) contains.

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Color

R_YB(194, 215, 235)

Conversions

Conversions Part 1

Format	Color
Hex	C2EBE9
RGB	194, 235, 233
RGB Percent	76%, 92%, 91%
CMY	0.2392, 0.0784, 0.0861
CMYK	0.17, 0.00, 0.01, 0.08
HSL	177°, 51%, 84%
HSV	177°, 17%, 92%
XYZ	66.6713, 76.7719, 88.4310
YIQ	222.5130, -23.7940, -9.3140

Conversions

Conversions Part 2

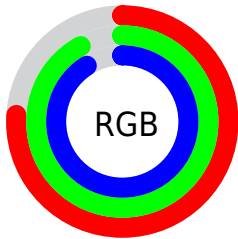
Format	Color
RYB	194, 215, 235
Decimal	12774377
CIELab	90.22, -13.57, -3.47
CIELCh	90, 14.006, 194.335
Yxy	76.7719, 0.2875, 0.3311
Android (android.graphics.Color)	4290964457 (0xFFC2EBE9)
YUV	222.5130, 5.1701, -25.0059
Hunter-Lab	87.6196, -17.5105, 1.4947

Details

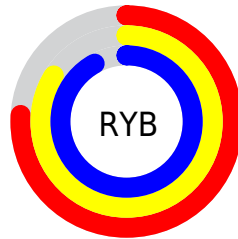
The RYB color `194, 215, 235` is a light color, and the websafe version is hex `CCFFFF`. A complement of this color would be `235, 194, 196`, and the grayscale version is `222, 222, 222`.

A 20% lighter version of the original color is `251, 253, 255`, and `140, 160, 179` is the 20% darker color. If you saturate the color by 10%, you get `171, 204, 235`, and if you desaturate by 10%, it is `217, 226, 235`.

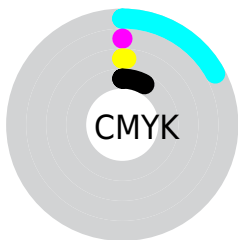
Distribution



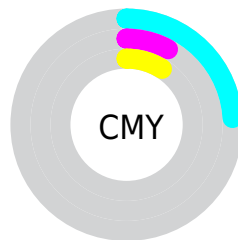
- Red (76%)
- Green (92%)
- Blue (91%)



- Red (76%)
- Yellow (84%)
- Blue (92%)



- Cyan (17%)
- Magenta (0%)
- Yellow (1%)
- Black (8%)



- Cyan (24%)
- Magenta (8%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RYB color 194, 215, 235 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 194, 215, 235 by changing the saturation by 10% instead.

■ 194, 215, 235

■ 255, 255, 255

■ 251, 253, 255

■ 194, 215, 235

■ 166, 187, 207

■ 140, 160, 179

■ 114, 133, 152

■ 88, 107, 126

■ 64, 83, 101

■ 40, 59, 77


■ 16, 35, 54

■ 0, 17, 33

■ 0, 2, 9

 194, 215, 235


 194, 215, 235

 171, 204, 235


 217, 226, 235

 147, 192, 235


 241, 235, 235

 124, 181, 235


 255, 235, 236

 100, 169, 235


 255, 235, 238

 76, 158, 235

 255, 235, 239

 53, 146, 235

 255, 235, 240

 29, 135, 235

 255, 235, 241

 6, 123, 235

 255, 235, 242

 0, 120, 235

 255, 235, 243

Harmonies

Analogous

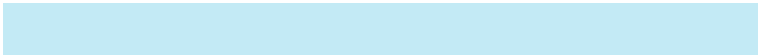
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



202, 223, 234



194, 215, 235



195, 217, 245

Triad

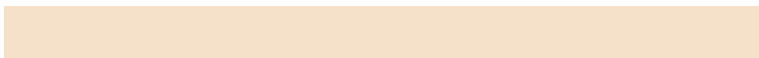
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



194, 215, 235



237, 222, 246



243, 245, 202

Complementary

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



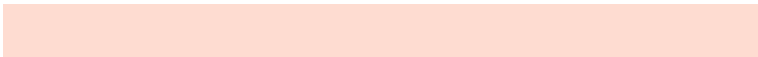
194, 215, 235



235, 194, 196

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.



254, 224, 209



194, 215, 235



250, 219, 235

Square

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



194, 215, 235



221, 225, 253



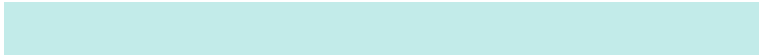
255, 218, 221



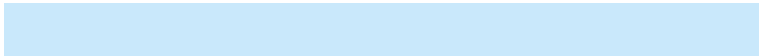
204, 231, 201

Rectangle

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



194, 215, 235



201, 220, 251



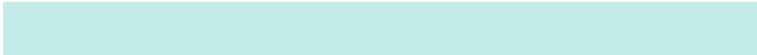
255, 218, 221



249, 235, 203

Sweetspot

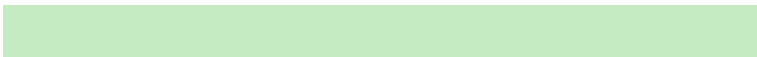
The Sweet Spot groups the original color and five complimentary colors.



194, 215, 235



242, 249, 255



194, 235, 233



120, 124, 128



0, 0, 0



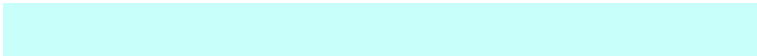
128, 128, 128

Same Dimension

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



194, 215, 235



201, 229, 255



194, 209, 235



106, 112, 117



0, 93, 181



0, 28, 54

Inverse Universe

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



235, 194, 196



255, 201, 204



235, 226, 194



117, 106, 106



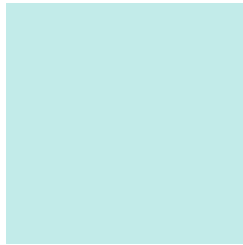
181, 0, 9



54, 0, 3

Previews

White Background



This preview shows how the RYB color 194, 215, 235 looks on a white background.

Color Contrast Check

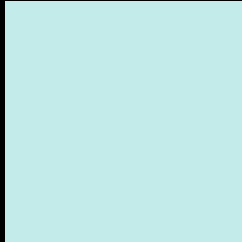
Large Text (above 18pt) WCAG AA × Fail

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 194, 215, 235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

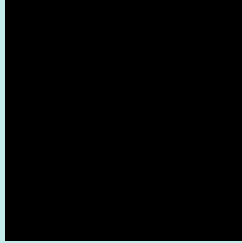
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

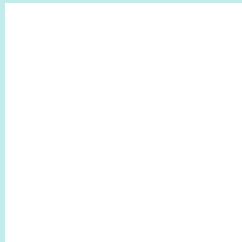
Any Text WCAG AAA ✓ Pass

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

RYB 194, 215, 235 Background



This preview shows how black text looks on a background with the RYB color 194, 215, 235.



This preview shows how white text looks on a background with the RYB color 194, 215, 235.

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](#).

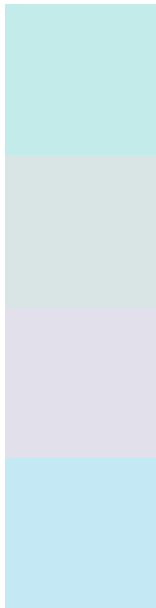
Dichromacy





Tritanopia
197, 218, 251

Trichromacy



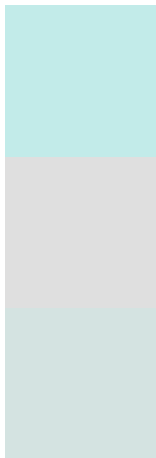
Original Color
194, 215, 235

Protanomaly
217, 223, 229

Deuteranomaly
226, 225, 235

Tritanomaly
196, 217, 244

Monochromacy



Original Color
194, 215, 235

Achromatopsia
223, 223, 223

Achromatomaly
212, 220, 227

CSS Examples

Text

The CSS property to change the color of the text to RYB 194, 215, 235 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(194, 235, 233)` looks like.

```
.text, #text, p{  
    color:rgb(194, 235, 233)  
}
```

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(194, 235, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 235, 233) }
```

Border

The CSS property to change the border of an element to RYB 194, 215, 235 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(194, 235, 233) }
```

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

```
.border{ border-color:rgb(194, 235, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 235, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 235, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 235, 233);  
box-shadow:4px 4px 4px 4px rgb(194, 235,  
233) }
```

Background

The CSS property to change the background color of an element to RYB 194, 215, 235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 235, 233) }
```

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

```
.background{ background-color: rgb(194,  
235, 233) }
```

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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