

Converting Colors

`RYB(193, 217, 227)`

Have a look what the booklet for
RYB(193, 217, 227) contains.

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Color

$\text{RYB}(193, 217, 227)$

Conversions

Conversions Part 1

Format	Color
Hex	C1E3CF
RGB	193, 227, 207
RGB Percent	76%, 89%, 81%
CMY	0.2431, 0.1098, 0.1876
CMYK	0.15, 0.00, 0.09, 0.11
HSL	145°, 38%, 82%
HSV	145°, 15%, 89%
XYZ	60.7443, 70.7888, 69.6004
YIQ	214.5540, -13.8440, -13.4280

Conversions

Conversions Part 2

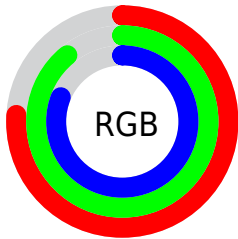
Format	Color
RYB	193, 217, 227
Decimal	12706767
CIELab	87.38, -14.93, 5.96
CIELCh	87, 16.075, 158.236
Yxy	70.7888, 0.3020, 0.3519
Android (android.graphics.Color)	4290896847 (0xFFC1E3CF)
YUV	214.5540, -3.7241, -18.9029
Hunter-Lab	84.1361, -18.3653, 9.8484

Details

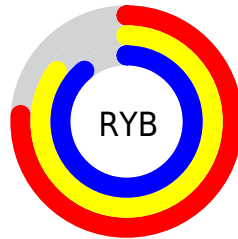
The RYB color **193, 217, 227** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **227, 193, 213**, and the grayscale version is **215, 215, 215**.

A 20% lighter version of the original color is 250, 253, 255, and **139, 162, 172** is the 20% darker color. If you saturate the color by 10%, you get **170, 210, 227**, and if you desaturate by 10%, it is **216, 224, 227**.

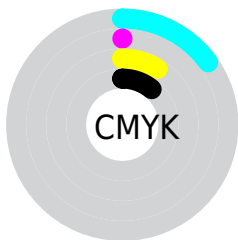
Distribution



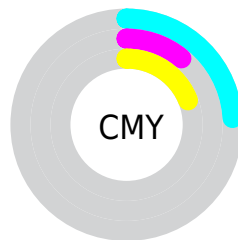
- Red (76%)
- Green (89%)
- Blue (81%)



- Red (76%)
- Yellow (85%)
- Blue (89%)



- Cyan (15%)
- Magenta (0%)
- Yellow (9%)
- Black (11%)



- Cyan (24%)
- Magenta (11%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RYB color 193, 217, 227 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 193, 217, 227 by changing the saturation by 10% instead.

 193, 217, 227

255, 255, 255


 250, 253, 255

 193, 217, 227

 166, 189, 199

 139, 162, 172

 113, 135, 145

 89, 110, 119

 65, 85, 94

 42, 62, 71

 20, 39, 48

 0, 20, 28

 0, 0, 0

 193, 217, 227

 193, 217, 227

 170, 210, 227


 216, 224, 227

 148, 204, 227


 238, 227, 234


 125, 197, 227


 255, 227, 247


 102, 190, 227

 255, 227, 255

 79, 183, 227

 57, 177, 227

 34, 170, 227

 11, 163, 227

 0, 160, 227

Harmonies

Analogous

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



195, 224, 209



193, 217, 227



182, 206, 228

Triad

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



193, 217, 227



208, 217, 249



250, 212, 201

Complementary

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



193, 217, 227



227, 193, 213

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.



251, 209, 215



193, 217, 227



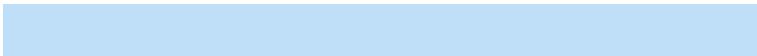
227, 214, 243

Square

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



193, 217, 227



190, 211, 247



243, 210, 231



242, 233, 191

Rectangle

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



193, 217, 227



180, 205, 233



243, 210, 231



252, 209, 205

Sweetspot

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



193, 217, 227



245, 252, 255



193, 227, 207



121, 126, 128



0, 0, 0



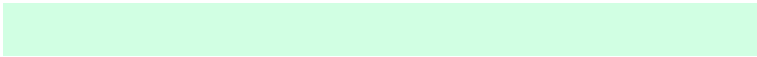
128, 128, 128

Same Dimension

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



193, 217, 227



209, 242, 255



193, 211, 227



103, 111, 115



0, 127, 179



0, 36, 51

Inverse Universe

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



227, 193, 213



255, 209, 236



227, 193, 196



115, 103, 110



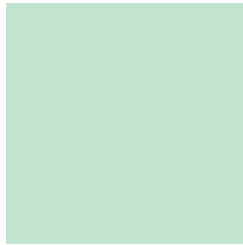
179, 0, 104



51, 0, 30

Previews

White Background



This preview shows how the RYB color 193, 217, 227 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 193, 217, 227 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 193, 217, 227 Background



This preview shows how black text looks on a background with the RYB color 193, 217, 227.

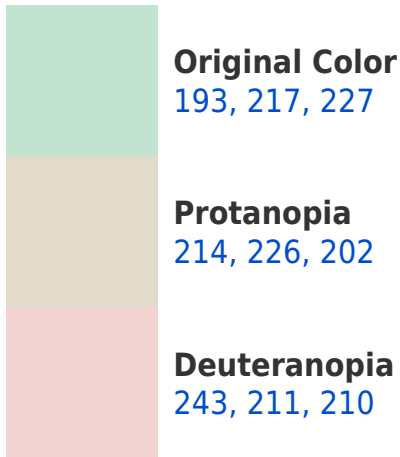


This preview shows how white text looks on a background with the RYB color 193, 217, 227.

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
199, 214, 240

Trichromacy



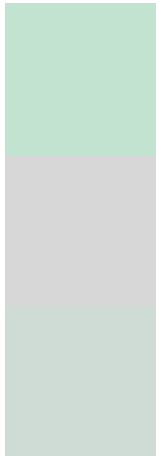
Original Color
193, 217, 227

Protanomaly
204, 221, 211

Deuteranomaly
225, 225, 209

Tritanomaly
197, 211, 228

Monochromacy



Original Color
193, 217, 227

Achromatopsia
215, 215, 215

Achromatomaly
207, 215, 219

CSS Examples

Text

The CSS property to change the color of the text to RYB 193, 217, 227 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(193, 227, 207)` looks like.

```
.text, #text, p{  
    color:rgb(193, 227, 207)  
}
```

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(193, 227, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 227, 207) }
```

Border

The CSS property to change the border of an element to RYB 193, 217, 227 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(193, 227, 207) }
```

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

```
.border{ border-color:rgb(193, 227, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 227, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 227, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 227, 207);  
box-shadow:4px 4px 4px 4px rgb(193, 227,  
207) }
```

Background

The CSS property to change the background color of an element to RYB 193, 217, 227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 227, 207) }
```

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

```
.background{ background-color: rgb(193,  
227, 207) }
```

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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