

Converting Colors

`RYB(195, 217, 241)`

Have a look what the booklet for RYB(195, 217, 241) contains.

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Color

R_YB(195, 217, 241)

Conversions

Conversions Part 1

Format	Color
Hex	C3EDF1
RGB	195, 237, 241
RGB Percent	76%, 93%, 95%
CMY	0.2353, 0.0699, 0.0549
CMYK	0.19, 0.02, 0.00, 0.05
HSL	185°, 62%, 85%
HSV	185°, 19%, 95%
XYZ	68.7153, 78.6179, 94.7722
YIQ	224.8980, -26.3160, -7.6600

Conversions

Conversions Part 2

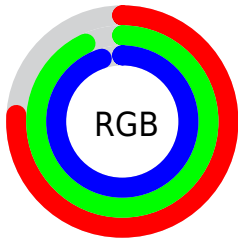
Format	Color
R _Y B	195, 217, 241
Decimal	12840433
CIE Lab	91.06, -12.72, -6.37
CIE LCh	91, 14.222, 206.606
Yxy	78.6179, 0.2838, 0.3247
Android (android.graphics.Color)	4291030513 (0xFFC3EDF1)
YUV	224.8980, 7.9383, -26.2205
Hunter-Lab	88.6667, -16.8321, -1.3059

Details

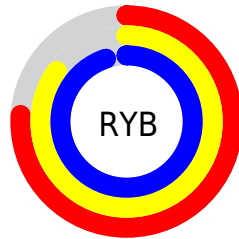
The RYB color **195, 217, 241** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **241, 199, 195**, and the grayscale version is **225, 225, 225**.

A 20% lighter version of the original color is 252, 254, 255, and **141, 162, 185** is the 20% darker color. If you saturate the color by 10%, you get **171, 204, 241**, and if you desaturate by 10%, it is **219, 229, 241**.

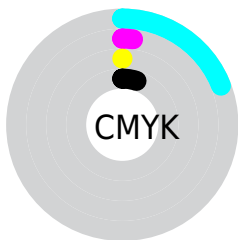
Distribution



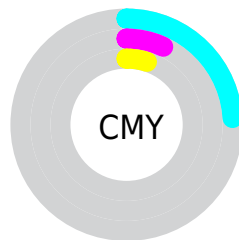
- Red (76%)
- Green (93%)
- Blue (95%)



- Red (76%)
- Yellow (85%)
- Blue (95%)



- Cyan (19%)
- Magenta (2%)
- Yellow (0%)
- Black (5%)



- Cyan (24%)
- Magenta (7%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RYB color 195, 217, 241 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 195, 217, 241 by changing the saturation by 10% instead.

■ 195, 217, 241

255, 255, 255

■ 252, 254, 255

■ 195, 217, 241

■ 167, 189, 213

■ 141, 162, 185

■ 114, 135, 158

■ 89, 109, 132

■ 64, 84, 107

■ 40, 60, 83


■ 15, 36, 60

■ 0, 18, 38

■ 0, 5, 17

 195, 217, 241

 195, 217, 241

 171, 204, 241


 219, 229, 241

 147, 192, 241


 243, 241, 241

 123, 179, 241


 255, 243, 241

 99, 167, 241


 255, 247, 241

 74, 154, 241


 255, 252, 241

 50, 141, 241


 252, 255, 241


 26, 129, 241

 247, 255, 241

 2, 116, 241

 243, 255, 241

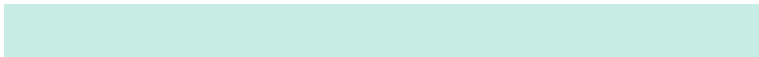
 0, 115, 241

 241, 255, 241

Harmonies

Analogous

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



200, 221, 237



195, 217, 241



200, 221, 252

Triad

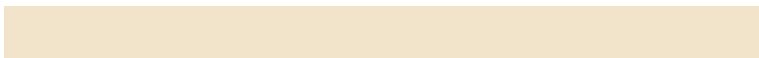
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



195, 217, 241



246, 222, 245



224, 242, 202

Complementary

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



195, 217, 241



241, 199, 195

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, 234, 207



195, 217, 241



255, 220, 231

Square

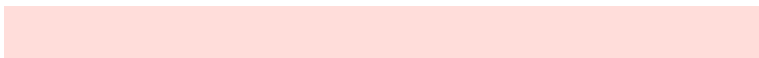
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



195, 217, 241



230, 226, 254



255, 221, 218



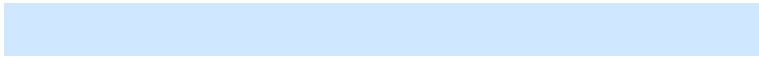
205, 232, 210

Rectangle

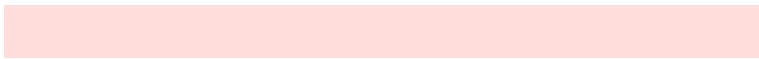
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



195, 217, 241



208, 224, 255



255, 221, 218



243, 247, 203

Sweetspot

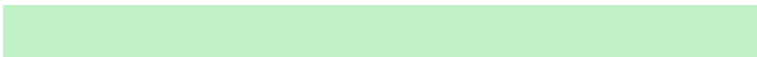
The Sweet Spot groups the original color and five complimentary colors.



195, 217, 241



240, 247, 255



195, 237, 241



119, 123, 128



0, 0, 0



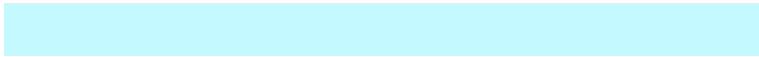
128, 128, 128

Same Dimension

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



195, 217, 241



196, 224, 255



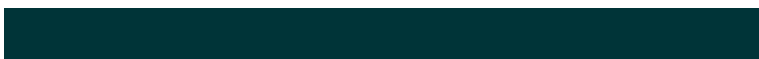
195, 209, 241



108, 114, 120



0, 88, 184



0, 27, 56

Inverse Universe

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



241, 195, 237



255, 196, 250



227, 241, 195



120, 108, 119



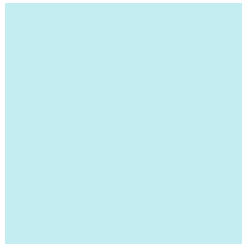
184, 0, 168



56, 0, 51

Previews

White Background



This preview shows how the RYB color 195, 217, 241 looks on a white background.

Color Contrast Check

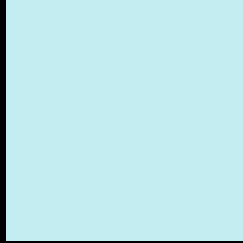
Large Text (above 18pt) WCAG AA × Fail

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 195, 217, 241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

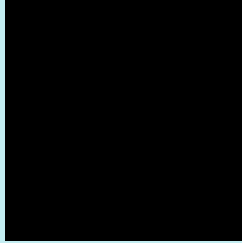
Any Text WCAG AA ✓ Pass

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 195, 217, 241 Background



This preview shows how black text looks on a background with the RYB color 195, 217, 241.



This preview shows how white text looks on a background with the RYB color 195, 217, 241.

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](#).

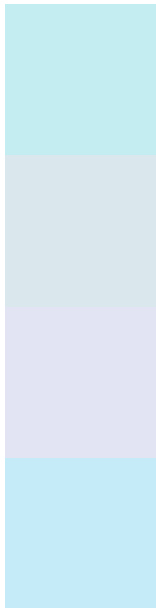
Dichromacy





Tritanopia
198, 220, 254

Trichromacy



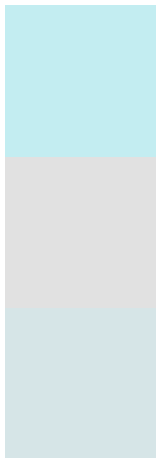
Original Color
195, 217, 241

Protanomaly
218, 226, 237

Deuteranomaly
226, 228, 243

Tritanomaly
197, 219, 249

Monochromacy



Original Color
195, 217, 241

Achromatopsia
225, 225, 225

Achromatomaly
214, 222, 231

CSS Examples

Text

The CSS property to change the color of the text to RYB 195, 217, 241 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(195, 237, 241)` looks like.

```
.text, #text, p{  
    color:rgb(195, 237, 241)  
}
```

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(195, 237, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 237, 241) }
```

Border

The CSS property to change the border of an element to RYB 195, 217, 241 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(195, 237, 241) }
```

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

```
.border{ border-color:rgb(195, 237, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 237, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 237, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 237, 241);  
box-shadow:4px 4px 4px 4px rgb(195, 237,  
241) }
```

Background

The CSS property to change the background color of an element to RYB 195, 217, 241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 237, 241) }
```

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

```
.background{ background-color: rgb(195,  
237, 241) }
```

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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