

Converting Colors

`RYB(195, 222, 244)`

Have a look what the booklet for
RYB(195, 222, 244) contains.

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Color

R_YB(195, 222, 244)

Conversions

Conversions Part 1

Format	Color
Hex	C3F4EB
RGB	195, 244, 235
RGB Percent	76%, 96%, 92%
CMY	0.2353, 0.0431, 0.0787
CMYK	0.20, 0.00, 0.04, 0.04
HSL	169°, 69%, 86%
HSV	169°, 20%, 96%
XYZ	69.8411, 82.2973, 90.7451
YIQ	228.3230, -26.3150, -13.1870

Conversions

Conversions Part 2

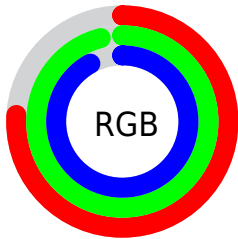
Format	Color
RYB	195, 222, 244
Decimal	12842219
CIELab	92.71, -17.37, -0.79
CIELCh	93, 17.387, 182.603
Yxy	82.2973, 0.2875, 0.3388
Android (android.graphics.Color)	4291032299 (0xFFC3F4EB)
YUV	228.3230, 3.2918, -29.2243
Hunter-Lab	90.7179, -21.3344, 4.1947

Details

The RYB color **195, 222, 244** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **244, 195, 204**, and the grayscale version is **228, 228, 228**.

A 20% lighter version of the original color is 252, 254, 255, and **140, 166, 188** is the 20% darker color. If you saturate the color by 10%, you get **171, 211, 244**, and if you desaturate by 10%, it is **219, 233, 244**.

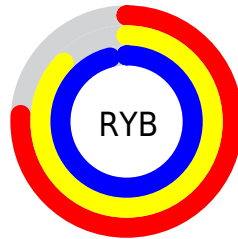
Distribution



Red (76%)

Green (96%)

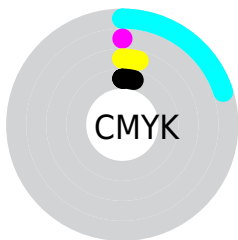
Blue (92%)



Red (76%)

Yellow (87%)

Blue (96%)

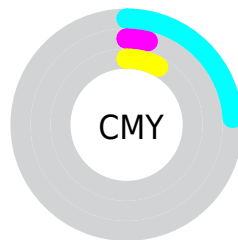


Cyan (20%)

Magenta (0%)

Yellow (4%)

Black (4%)



Cyan (24%)

Magenta (4%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RYB color 195, 222, 244 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, 222, 244 by changing the saturation by 10% instead.

■ 195, 222, 244

255, 255, 255

■ 252, 254, 255

■ 195, 222, 244

■ 167, 194, 216

■ 140, 166, 188

■ 114, 140, 161

■ 89, 113, 134

■ 64, 88, 109

■ 40, 64, 84


■ 14, 39, 61

■ 0, 21, 39

■ 0, 10, 17

 195, 222, 244


 195, 222, 244

 171, 211, 244


 219, 233, 244

 146, 200, 244


 244, 244, 244

 122, 189, 244


 255, 244, 248


 97, 178, 244

 255, 244, 253

 73, 167, 244

 255, 244, 255

 49, 156, 244

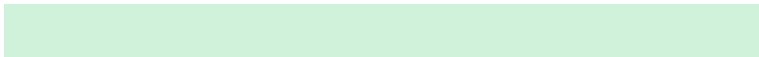
 24, 145, 244

 0, 134, 244

Harmonies

Analogous

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



209, 235, 242



195, 222, 244



191, 219, 251

Triad

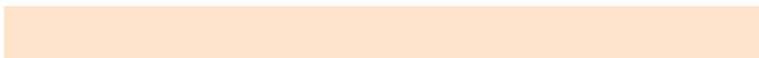
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



195, 222, 244



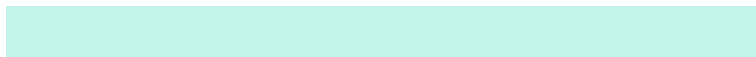
239, 229, 255



255, 248, 205

Complementary

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



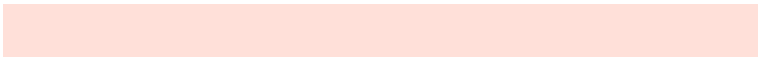
195, 222, 244



244, 195, 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, 226, 217



195, 222, 244



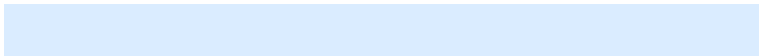
255, 225, 250

Square

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



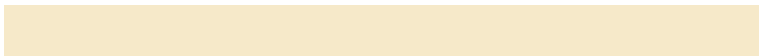
195, 222, 244



218, 230, 255



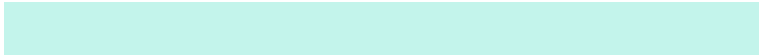
255, 223, 233



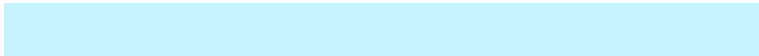
219, 246, 201

Rectangle

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



195, 222, 244



196, 222, 255



255, 223, 233



255, 237, 208

Sweetspot

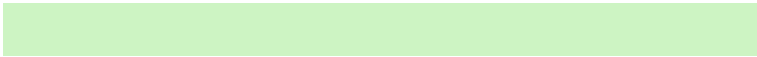
The Sweet Spot groups the original color and five complimentary colors.



195, 222, 244



240, 248, 255



195, 244, 234



119, 124, 128



0, 0, 0



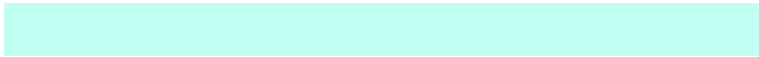
128, 128, 128

Same Dimension

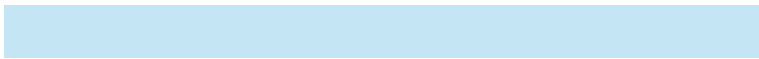
The Same Dimension uses a secret algorithm to generate beautiful new colors.



195, 222, 244



194, 228, 255



195, 215, 244



110, 117, 122



0, 102, 186



0, 33, 59

Inverse Universe

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



244, 195, 204



255, 194, 205



244, 217, 195



122, 110, 112



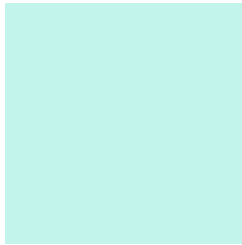
186, 0, 34



59, 0, 11

Previews

White Background



This preview shows how the RYB color 195, 222, 244 looks on a white background.

Color Contrast Check

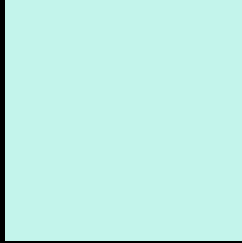
Large Text (above 18pt) WCAG AA × Fail

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, 222, 244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

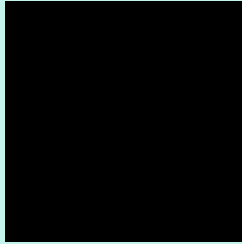
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

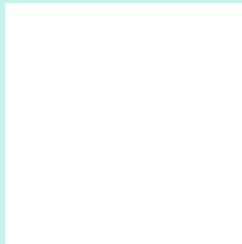
Any Text WCAG AAA ✓ Pass

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

RYP 195, 222, 244 Background



This preview shows how black text looks on a background with the RYB color 195, 222, 244.



This preview shows how white text looks on a background with the RYB color 195, 222, 244.

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





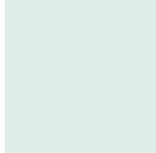
Tritanopia
206, 226, 255

Trichromacy



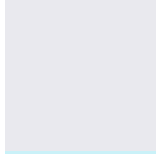
Original Color

195, 222, 244



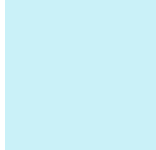
Protanomaly

223, 231, 236



Deuteranomaly

233, 233, 238



Tritanomaly

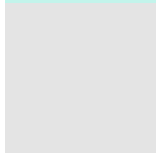
202, 223, 248

Monochromacy



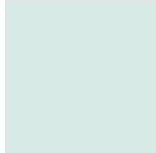
Original Color

195, 222, 244



Achromatopsia

228, 228, 228



Achromatomaly

216, 226, 234

CSS Examples

Text

The CSS property to change the color of the text to RYB 195, 222, 244 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, 244, 235)` looks like.

```
.text, #text, p{  
    color:rgb(195, 244, 235)  
}
```

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, 244, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 244, 235) }
```

Border

The CSS property to change the border of an element to RYB 195, 222, 244 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, 244, 235) }
```

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

```
.border{ border-color:rgb(195, 244, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 244, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 244, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 244, 235);  
box-shadow:4px 4px 4px 4px rgb(195, 244,  
235) }
```

Background

The CSS property to change the background color of an element to RYB 195, 222, 244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 244, 235) }
```

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

```
.background{ background-color: rgb(195,  
244, 235) }
```

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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