

Converting Colors

`RYB(195, 221, 249)`

Have a look what the booklet for RYB(195, 221, 249) contains.

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Color

R_YB(195, 221, 249)

Conversions

Conversions Part 1

Format	Color
Hex	C3F5F9
RGB	195, 245, 249
RGB Percent	76%, 96%, 98%
CMY	0.2353, 0.0387, 0.0235
CMYK	0.22, 0.02, 0.00, 0.02
HSL	184°, 82%, 87%
HSV	184°, 22%, 98%
XYZ	72.3002, 83.8329, 101.9933
YIQ	230.5060, -31.0840, -9.3560

Conversions

Conversions Part 2

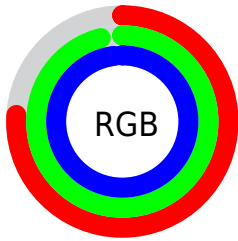
Format	Color
R_{YB}	195, 221, 249
Decimal	12842489
CIE _{Lab}	93.38, -15.03, -7.11
CIE _{LCh}	93, 16.626, 205.306
Yxy	83.8329, 0.2801, 0.3248
Android (android.graphics.Color)	4291032569 (0xFFC3F5F9)
YUV	230.5060, 9.1175, -31.1388
Hunter-Lab	91.5603, -19.2789, -1.9536

Details

The RYB color **195, 221, 249** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **249, 199, 195**, and the grayscale version is **231, 231, 231**.

A 20% lighter version of the original color is 252, 254, 255, and **140, 165, 193** is the 20% darker color. If you saturate the color by 10%, you get **170, 208, 249**, and if you desaturate by 10%, it is **220, 234, 249**.

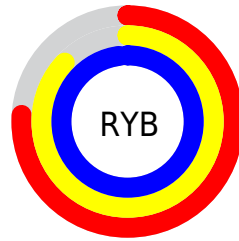
Distribution



Red (76%)

Green (96%)

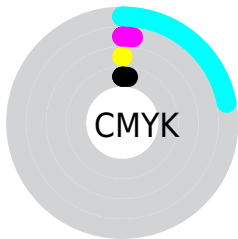
Blue (98%)



Red (76%)

Yellow (87%)

Blue (98%)

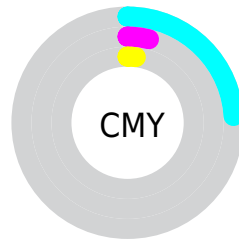


Cyan (22%)

Magenta (2%)

Yellow (0%)

Black (2%)



Cyan (24%)

Magenta (4%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RYB color 195, 221, 249 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, 221, 249 by changing the saturation by 10% instead.

■ 195, 221, 249

255, 255, 255

■ 252, 254, 255

■ 195, 221, 249

■ 167, 193, 220

■ 140, 165, 193

■ 114, 139, 165

■ 88, 112, 139

■ 63, 87, 114

■ 37, 62, 89

■ 8, 36, 66

■ 0, 21, 44

■ 0, 11, 23

 195, 221, 249


 195, 221, 249

 170, 208, 249


 220, 234, 249

 145, 195, 249


 245, 247, 249

 120, 182, 249


 255, 250, 249

 95, 169, 249


 255, 255, 249

 70, 156, 249

 250, 255, 249

 46, 144, 249

 249, 255, 249

 21, 131, 249

 0, 120, 249

Harmonies

Analogous

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



201, 226, 245



195, 221, 249



200, 224, 255

Triad

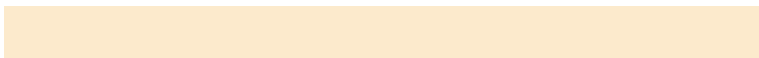
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



195, 221, 249



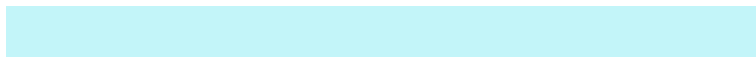
255, 228, 254



233, 252, 204

Complementary

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



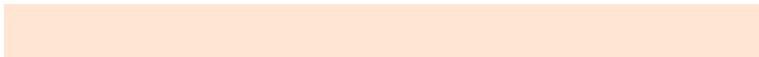
195, 221, 249



249, 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.



255, 243, 210



195, 221, 249



255, 225, 239

Square

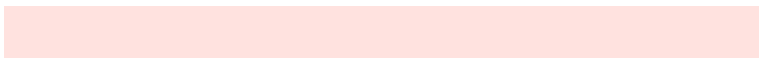
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



195, 221, 249



236, 233, 255



255, 226, 223



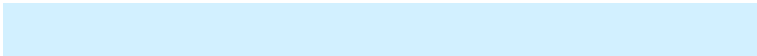
207, 239, 212

Rectangle

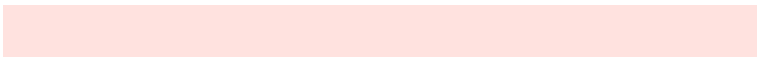
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



195, 221, 249



210, 228, 255



255, 226, 223



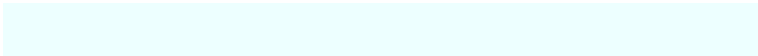
248, 255, 205

Sweetspot

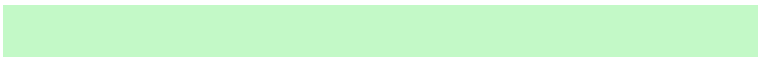
The Sweet Spot groups the original color and five complimentary colors.



195, 221, 249



237, 246, 255



195, 245, 249



117, 122, 128



0, 0, 0



128, 128, 128

Same Dimension

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



195, 221, 249



189, 221, 255



195, 211, 249



112, 118, 125



0, 91, 189



0, 29, 61

Inverse Universe

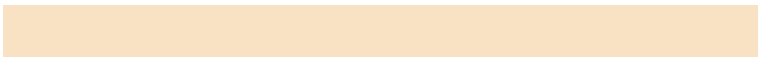
The Inverse Universe completely reimagines the original color for something new.



249, 195, 245



255, 189, 250



235, 249, 195



125, 112, 124



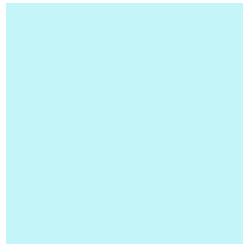
189, 0, 175



61, 0, 57

Previews

White Background



This preview shows how the RYB color 195, 221, 249 looks on a white background.

Color Contrast Check

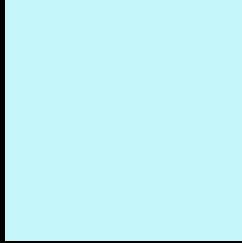
Large Text (above 18pt) WCAG AA × Fail

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, 221, 249 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, 221, 249 Background



This preview shows how black text looks on a background with the RYB color 195, 221, 249.

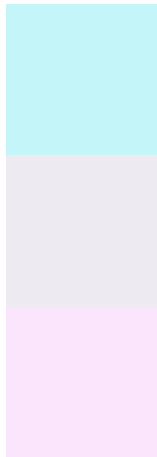


This preview shows how white text looks on a background with the RYB color 195, 221, 249.

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



Original Color
195, 221, 249

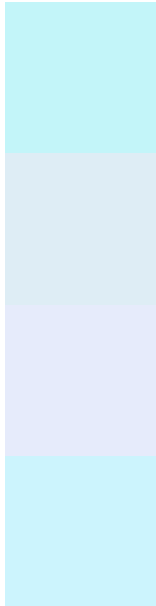
Protanopia
237, 234, 242

Deuteranopia
250, 229, 252



Tritanopia
209, 228, 255

Trichromacy



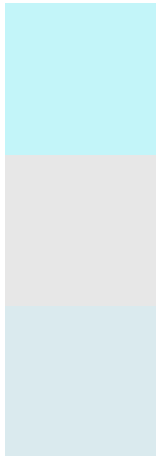
Original Color
195, 221, 249

Protanomaly
222, 231, 245

Deuteranomaly
230, 234, 251

Tritanomaly
204, 226, 253

Monochromacy



Original Color
195, 221, 249

Achromatopsia
231, 231, 231

Achromatomaly
218, 227, 238

CSS Examples

Text

The CSS property to change the color of the text to RYB 195, 221, 249 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, 245, 249)` looks like.

```
.text, #text, p{  
    color:rgb(195, 245, 249)  
}
```

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, 245, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 245, 249) }
```

Border

The CSS property to change the border of an element to RYB 195, 221, 249 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, 245, 249) }
```

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

```
.border{ border-color:rgb(195, 245, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 245, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 245, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 245, 249);  
box-shadow:4px 4px 4px 4px rgb(195, 245,  
249) }
```

Background

The CSS property to change the background color of an element to RYB 195, 221, 249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 245, 249) }
```

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

```
.background{ background-color: rgb(195,  
245, 249) }
```

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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