

Converting Colors

`RYB(95, 171, 238)`

Have a look what the booklet for RYB(95, 171, 238) contains.

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Color

R_YB(95, 171, 238)

Conversions

Conversions Part 1

Format	Color
Hex	5FEEDD
RGB	95, 238, 221
RGB Percent	37%, 93%, 87%
CMY	0.6275, 0.0667, 0.1331
CMYK	0.60, 0.00, 0.07, 0.07
HSL	173°, 81%, 65%
HSV	173°, 60%, 93%
XYZ	48.3538, 68.8059, 79.1849
YIQ	193.3050, -79.7710, -35.6030

Conversions

Conversions Part 2

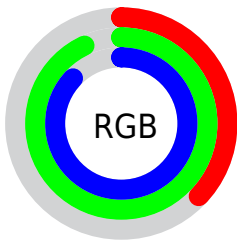
Format	Color
RYB	95, 171, 238
Decimal	6287069
CIELab	86.41, -42.27, -3.29
CIELCh	86, 42.393, 184.452
Yxy	68.8059, 0.2463, 0.3504
Android (android.graphics.Color)	4284477149 (0xFF5FEEDD)
YUV	193.3050, 13.6536, -86.2135
Hunter-Lab	82.9493, -41.1081, 1.4652

Details

The RYB color **95, 171, 238** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **238, 95, 112**, and the grayscale version is **193, 193, 193**.

A 20% lighter version of the original color is **158, 207, 255**, and **0, 94, 181** is the 20% darker color. If you saturate the color by 10%, you get **71, 160, 238**, and if you desaturate by 10%, it is **119, 182, 238**.

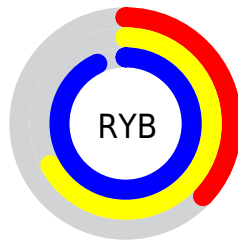
Distribution



Red (37%)

Green (93%)

Blue (87%)



Red (37%)

Yellow (67%)

Blue (93%)

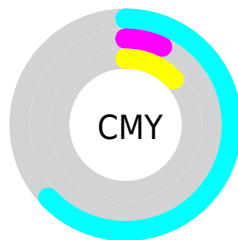


Cyan (60%)

Magenta (0%)

Yellow (7%)

Black (7%)



Cyan (63%)

















Magenta (7%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RYB color 95, 171, 238 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 95, 171, 238 by changing the saturation by 10% instead.

 95, 171, 238	 95, 171, 238
 255, 255, 255	 59, 138, 209
 158, 207, 255	 0, 94, 181
 189, 222, 255	 0, 81, 154
 219, 237, 255	 0, 67, 127
 250, 253, 255	 0, 54, 102
	 0, 41, 77
	 0, 29, 53
	 0, 17, 31
	 0, 0, 0

■ 95, 171, 238

■ 95, 171, 238

■ 71, 160, 238

■ 119, 182, 238

■ 47, 149, 238

■ 143, 193, 238

■ 24, 138, 238

■ 166, 204, 238

■ 0, 126, 238

■ 190, 216, 238

■ 214, 227, 238

■ 238, 238, 238

■ 255, 238, 241

■ 255, 238, 244

■ 255, 238, 246

Harmonies

Analogous

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



146, 210, 235



95, 171, 238



63, 154, 255

Triad

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



95, 171, 238



229, 204, 255



247, 255, 145

Complementary

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



95, 171, 238



238, 95, 112

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, 194, 173



95, 171, 238



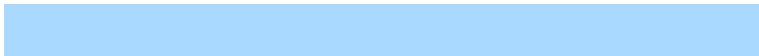
255, 191, 252

Square

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



95, 171, 238



169, 200, 255



255, 185, 212



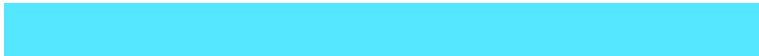
161, 237, 135

Rectangle

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



95, 171, 238



84, 163, 255



255, 185, 212



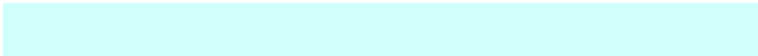
255, 232, 152

Sweetspot

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



95, 171, 238



209, 233, 255



95, 238, 219



99, 115, 128



0, 0, 0



128, 128, 128

Same Dimension

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



95, 171, 238



71, 169, 255



95, 151, 238



108, 115, 120



0, 98, 184



0, 30, 56

Inverse Universe

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



238, 95, 112



255, 71, 93



238, 177, 95



120, 108, 109



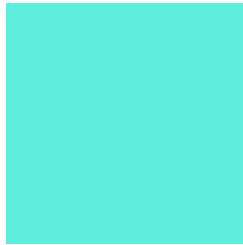
184, 0, 22



56, 0, 7

Previews

White Background



This preview shows how the RYB color 95, 171, 238 looks on a white background.

Color Contrast Check

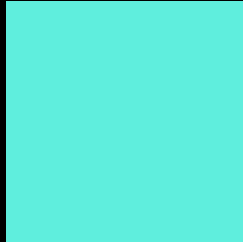
Large Text (above 18pt) WCAG AA × Fail

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 95, 171, 238 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

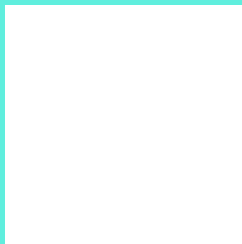
Any Text WCAG AAA ✓ Pass

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

RYB 95, 171, 238 Background



This preview shows how black text looks on a background with the RYB color 95, 171, 238.

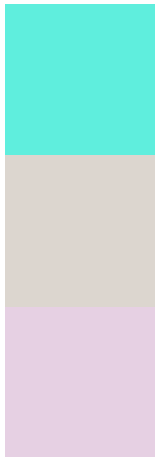


This preview shows how white text looks on a background with the RYB color 95, 171, 238.

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](#).

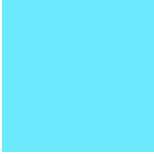
Dichromacy



Original Color
95, 171, 238

Protanopia
218, 220, 207

Deuteranopia
230, 208, 227



Tritanopia
108, 175, 252

Trichromacy



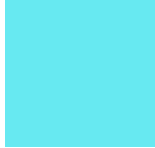
Original Color
95, 171, 238



Protanomaly
175, 202, 223



Deuteranomaly
181, 201, 225

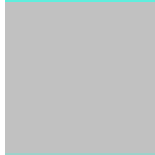


Tritanomaly
103, 170, 241

Monochromacy



Original Color
95, 171, 238



Achromatopsia
193, 193, 193



Achromatomaly
157, 185, 209

CSS Examples

Text

The CSS property to change the color of the text to RYB 95, 171, 238 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(95, 238, 221)` looks like.

```
.text, #text, p{  
    color:rgb(95, 238, 221)  
}
```

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(95, 238, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 238, 221) }
```

Border

The CSS property to change the border of an element to RYB 95, 171, 238 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(95, 238, 221) }
```

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

```
.border{ border-color:rgb(95, 238, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 238, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 238, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 238, 221);  
box-shadow:4px 4px 4px 4px rgb(95, 238,  
221) }
```

Background

The CSS property to change the background color of an element to RGB 95, 171, 238 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 238, 221) }
```

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

```
.background{ background-color: rgb(95, 238,  
221) }
```

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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