

Converting Colors

`RYB(92, 164, 235)`

Have a look what the booklet for
RYB(92, 164, 235) contains.

RYB(92, 164, 235)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

`RYB(92, 164, 235)`

Conversions

Conversions Part 1

Format	Color
Hex	5CEBE9
RGB	92, 235, 233
RGB Percent	36%, 92%, 91%
CMY	0.6392, 0.0784, 0.0862
CMYK	0.61, 0.00, 0.01, 0.08
HSL	179°, 78%, 64%
HSV	179°, 61%, 92%
XYZ	48.8319, 67.5760, 87.5709
YIQ	192.0150, -84.5860, -30.9380

Conversions

Conversions Part 2

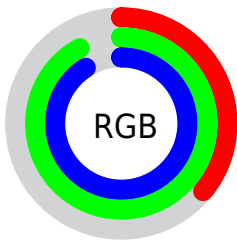
Format	Color
RYB	92, 164, 235
Decimal	6089705
CIELab	85.79, -38.31, -10.49
CIELCh	86, 39.717, 195.309
Yxy	67.5760, 0.2394, 0.3313
Android (android.graphics.Color)	4284279785 (0xFF5CEBE9)
YUV	192.0150, 20.2056, -87.7132
Hunter-Lab	82.2046, -37.8238, -5.6173

Details

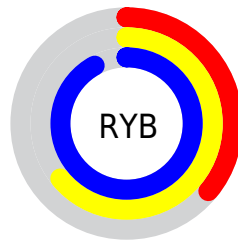
The RYB color **92, 164, 235** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **235, 92, 94**, and the grayscale version is **192, 192, 192**.

A 20% lighter version of the original color is **156, 206, 255**, and **0, 90, 179** is the 20% darker color. If you saturate the color by 10%, you get **69, 153, 235**, and if you desaturate by 10%, it is **115, 176, 235**.

Distribution



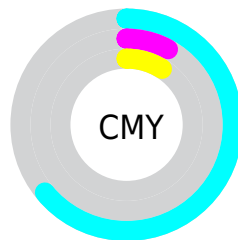
- Red (36%)
- Green (92%)
- Blue (91%)



- Red (36%)
- Yellow (64%)
- Blue (92%)



- Cyan (61%)
- Magenta (0%)
- Yellow (1%)
- Black (8%)



















- Cyan (64%)
- Magenta (8%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RYB color 92, 164, 235 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 92, 164, 235 by changing the saturation by 10% instead.

 92, 164, 235	 92, 164, 235
 255, 255, 255	 54, 130, 206
 156, 206, 255	 0, 90, 179
 187, 221, 255	 0, 76, 151
 218, 237, 255	 0, 63, 125
 249, 252, 255	 0, 50, 100
	 0, 38, 76
	 0, 26, 54
	 0, 15, 32
	 0, 0, 8

■ 92, 164, 235

■ 92, 164, 235

■ 69, 153, 235

■ 115, 176, 235

■ 45, 141, 235

■ 139, 187, 235

■ 21, 129, 235

■ 163, 199, 235

■ 0, 118, 235

■ 186, 211, 235

■ 210, 223, 235

■ 233, 234, 235

■ 255, 235, 235

■ 255, 235, 236

Harmonies

Analogous

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



133, 196, 234



92, 164, 235



87, 165, 255

Triad

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



92, 164, 235



243, 198, 255



229, 255, 142

Complementary

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



92, 164, 235



235, 92, 94

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, 210, 163



92, 164, 235



255, 188, 235

Square

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



92, 164, 235



193, 207, 255



255, 186, 196



144, 221, 141

Rectangle

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



92, 164, 235



115, 177, 255



255, 186, 196



255, 255, 147

Sweetspot

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



92, 164, 235



209, 232, 255



92, 235, 233



99, 114, 128



0, 0, 0



128, 128, 128

Same Dimension

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



92, 164, 235



69, 163, 255



92, 141, 235



106, 112, 117



0, 91, 181



0, 27, 54

Inverse Universe

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



235, 92, 94



255, 69, 71



235, 225, 92



117, 106, 106



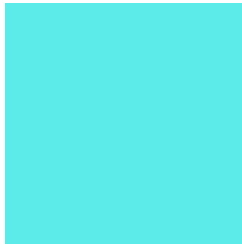
181, 0, 3



54, 0, 1

Previews

White Background



This preview shows how the RYB color 92, 164, 235 looks on a white background.

Color Contrast Check

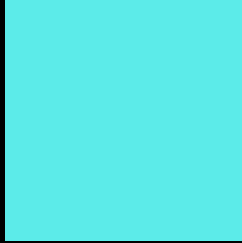
Large Text (above 18pt) WCAG AA × Fail

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 92, 164, 235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

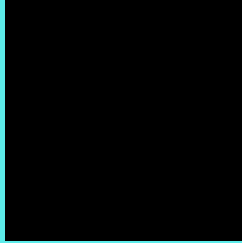
Any Text WCAG AA ✓ Pass

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](#).

R Y B 92, 164, 235 Background



This preview shows how black text looks on a background with the RYB color 92, 164, 235.

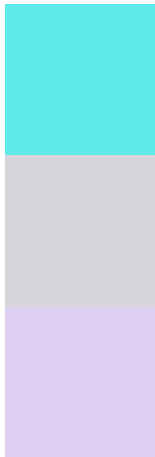


This preview shows how white text looks on a background with the RYB color 92, 164, 235.

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](#).

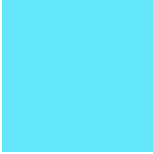
Dichromacy



Original Color
92, 164, 235

Protanopia
215, 212, 219

Deuteranopia
221, 207, 239



Tritanopia
100, 170, 251

Trichromacy



Original Color

92, 164, 235



Protanomaly

170, 196, 224



Deuteranomaly

174, 200, 237



Tritanomaly

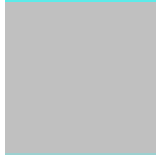
97, 168, 244

Monochromacy



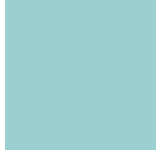
Original Color

92, 164, 235



Achromatopsia

192, 192, 192



Achromatomaly

156, 182, 208

CSS Examples

Text

The CSS property to change the color of the text to RYB 92, 164, 235 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(92, 235, 233)` looks like.

```
.text, #text, p{  
    color:rgb(92, 235, 233)  
}
```

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(92, 235, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 235, 233) }
```

Border

The CSS property to change the border of an element to RYB 92, 164, 235 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(92, 235, 233) }
```

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

```
.border{ border-color:rgb(92, 235, 233) }
```

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

Here you see how a box with a 4 pixel rgb(92, 235, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 235, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 235, 233);  
box-shadow:4px 4px 4px 4px rgb(92, 235,  
233) }
```

Background

The CSS property to change the background color of an element to RGB 92, 164, 235 is called "background".

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

```
.background, #background, body{  
background: rgb(92, 235, 233) }
```

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

```
.background{ background-color: rgb(92, 235,  
233) }
```

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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