

Converting Colors

CIELCh(48, 93.260, 300.301)

Have a look what the booklet for
CIELCh(48, 93.260, 300.301)
contains.

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Color

CIELCh(48, 93.179, 300.255)

Conversions

Conversions Part 1

Format	Color
Hex	595CFD
RGB	89, 92, 253
RGB Percent	35%, 36%, 99%
CMY	0.6523, 0.6401, 0.0090
CMYK	0.65, 0.64, 0.00, 0.01
HSL	239°, 97%, 67%
HSV	239°, 65%, 99%
XYZ	25.5782, 16.7945, 94.5854
YIQ	109.4570, -53.4690, 49.4350

Conversions

Conversions Part 2

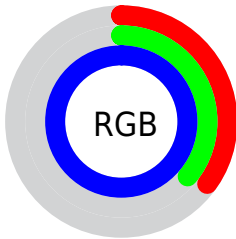
Format	Color
RYB	89, 92, 253
Decimal	5856509
CIELab	48.00, 46.95, -80.49
CIELCh	48, 93.179, 300.255
Yxy	16.7945, 0.1868, 0.1226
Android (android.graphics.Color)	4284046589 (0xFF595CFD)
YUV	109.4570, 70.7667, -17.9408
Hunter-Lab	40.9810, 39.6935, -108.1563

Details

The CIELCh color **48, 93.179, 300.255** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted blue. A complement of this color would be **96, 76.378, 103.289**, and the grayscale version is **46, 0.006, 296.813**.

A 20% lighter version of the original color is **65, 62.375, 299.357**, and **29, 92.646, 301.466** is the 20% darker color. If you saturate the color by 10%, you get **41, 108.280, 302.528**, and if you desaturate by 10%, it is **55, 77.530, 297.977**.

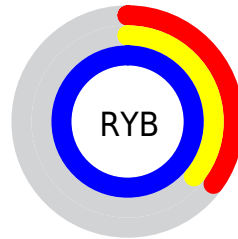
Distribution



Red (35%)

Green (36%)

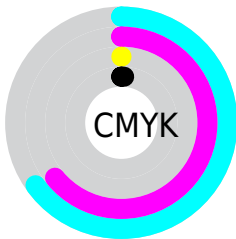
Blue (99%)



Red (35%)

Yellow (36%)

Blue (99%)

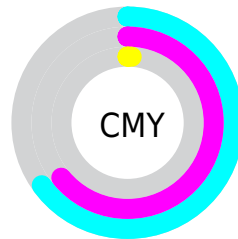


Cyan (65%)

Magenta (64%)

Yellow (0%)

Black (1%)



Cyan (65%)


Magenta (64%)


Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 48, 93.179, 300.255 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 CIELCh color 48, 93.179, 300.255 by changing the saturation by 10% instead.


 48, 93.179,
300.255


 48, 93.179,
300.255


 100, 93.179,
300.255


 38, 93.179,
300.255

 68, 93.179,
300.255


 28, 93.179,
300.255

 78, 93.179,
300.255

 18, 93.179,
300.255

 88, 93.179,
300.255

 8, 93.179, 300.255

 98, 93.179,
300.255

 0, 93.179, 300.255

 48, 93.179,

 48, 93.179,

300.255

300.255

■ 41, 108.280,
302.528

■ 55, 77.530,
297.977

■ 36, 121.217,
304.487

■ 63, 62.130,
295.874

■ 33, 129.794,
305.787

■ 71, 47.273,
294.019

■ 32, 132.162,
306.133

■ 79, 33.025,
292.425

■ 87, 19.368,
291.070

■ 95, 6.264, 289.931

100, 1.147,
110.025

Harmonies

Complementary

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



48, 93.179, 300.255



96, 76.378, 103.289

Rectangle

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



48, 93.179, 300.255



48, 93.179, 350.255



48, 93.179, 120.255



48, 93.179, 170.255

Sweetspot

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



48, 93.179, 300.256



85, 25.060, 291.598



91, 44.123, 192.966



43, 17.349, 291.988



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



48, 93.179, 300.256



40, 113.421, 303.190



54, 93.361, 311.374



49, 7.358, 290.428



23, 106.927, 306.069



4, 43.528, 301.449

Inverse Universe

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



61, 70.593, 27.817



57, 86.103, 32.404



92, 83.689, 125.136



49, 5.252, 18.414



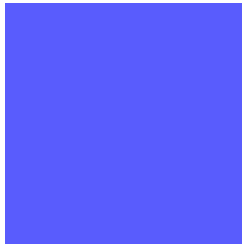
40, 83.379, 39.259



10, 33.210, 26.423

Previews

White Background



This preview shows how the CIELCh color 48, 93.179, 300.255 looks on a white background.

Color Contrast Check

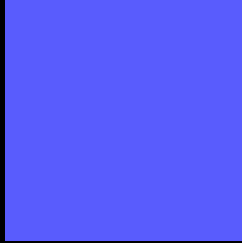
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 48, 93.179, 300.255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

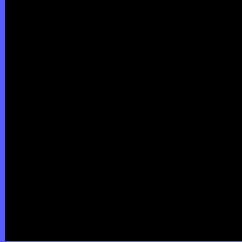
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 48, 93.179, 300.255

Background



This preview shows how black text looks on a background with the CIELCh color 48, 93.179, 300.255.



This preview shows how white text looks on a background with the CIELCh color 48, 93.179, 300.255.

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

48, 93.179, 300.255

Protanopia

48, 71.914, 287.379

Deuteranopia

48, 50.319, 274.513



Tritanopia
48, 28.740, 207.411

Trichromacy



Original Color
48, 93.179, 300.255

Protanomaly
47, 79.783, 291.782

Deuteranomaly
47, 65.801, 286.804

Tritanomaly
46, 40.700, 268.830

Monochromacy



Original Color
48, 93.179, 300.255

Achromatopsia
46, 0.006, 296.813

Achromatomaly
46, 34.511, 294.208

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 93.179, 300.255 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(89, 92, 253)` looks like.

```
.text, #text, p{  
    color:rgb(89, 92, 253)  
}
```

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(89, 92, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 92, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 93.179, 300.255 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(89, 92, 253) }
```

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

```
.border{ border-color:rgb(89, 92, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 92, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 92, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 92, 253);  
box-shadow:4px 4px 4px 4px rgb(89, 92,  
253) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 93.179, 300.255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 92, 253) }
```

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

```
.background{ background-color: rgb(89, 92,  
253) }
```

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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