

Converting Colors

CIELCh(58, 71.295, 304.301)

Have a look what the booklet for
CIELCh(58, 71.295, 304.301)
contains.

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Color

CIELCh(58, 71.295, 304.301)

Conversions

Conversions Part 1

Format	Color
Hex	9576F3
RGB	149, 118, 243
RGB Percent	58%, 46%, 95%
CMY	0.4141, 0.5359, 0.0455
CMYK	0.39, 0.51, 0.00, 0.05
HSL	255°, 84%, 71%
HSV	255°, 51%, 95%
XYZ	35.2234, 25.9610, 88.2637
YIQ	141.5190, -21.6490, 45.4470

Conversions

Conversions Part 2

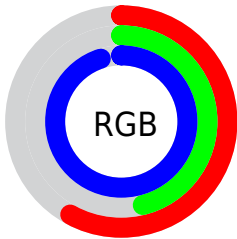
Format	Color
R _Y B	149, 118, 243
Decimal	9795315
CIE Lab	58.00, 40.18, -58.90
CIE LCh	58, 71.295, 304.301
Yxy	25.9610, 0.2357, 0.1737
Android (android.graphics.Color)	4287985395 (0xFF9576F3)
YUV	141.5190, 50.0301, 6.5608
Hunter-Lab	50.9519, 34.2323, -67.0413

Details

The CIELCh color `58, 71.295, 304.301` is a light color, and the websafe version is hex `9966CC`. A complement of this color would be `92, 62.986, 116.697`, and the grayscale version is `59, 0.008, 296.813`.

A 20% lighter version of the original color is `76, 46.922, 308.358`, and `38, 71.006, 304.227` is the 20% darker color. If you saturate the color by 10%, you get `51, 86.046, 305.403`, and if you desaturate by 10%, it is `65, 56.561, 303.235`.

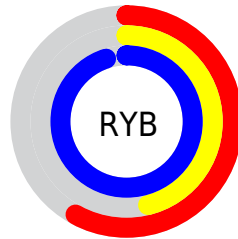
Distribution



Red (58%)

Green (46%)

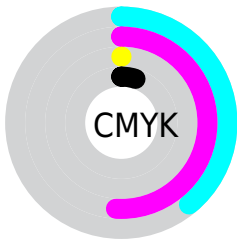
Blue (95%)



Red (58%)

Yellow (46%)

Blue (95%)

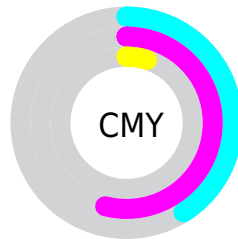


Cyan (39%)

Magenta (51%)

Yellow (0%)

Black (5%)



Cyan (41%)


Magenta (54%)


Yellow (5%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 71.295, 304.301 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 58, 71.295, 304.301 by changing the saturation by 10% instead.


 58, 71.295,
304.301


 58, 71.295,
304.301


 100, 71.295,
304.301


 48, 71.295,
304.301


 78, 71.295,
304.301

 38, 71.295,
304.301

 88, 71.295,
304.301

 28, 71.295,
304.301

 98, 71.295,
304.301

 18, 71.295,
304.301

 8, 71.295, 304.301

 0, 71.295, 304.301

■ 58, 71.295,
304.301

■ 58, 71.295,
304.301

■ 51, 86.046,
305.403

■ 65, 56.561,
303.235

■ 45, 100.194,
306.442

■ 73, 42.151,
302.252

■ 39, 112.636,
307.258

■ 80, 28.193,
301.373

■ 35, 121.849,
307.640

■ 88, 14.729,
300.599

■ 33, 126.638,
307.583

■ 95, 1.757, 299.908

■ 100, 5.871,
109.726

Harmonies

Complementary

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



58, 71.295, 304.301



92, 62.986, 116.697

Rectangle

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



58, 71.295, 304.301



58, 71.295, 354.301



58, 71.295, 124.301



58, 71.295, 174.301

Sweetspot

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



58, 71.294, 304.301



88, 20.306, 300.870



81, 30.875, 228.221



45, 13.908, 301.033



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



58, 71.294, 304.301



53, 90.310, 305.488



64, 73.640, 318.911



47, 7.368, 300.464



24, 103.367, 307.713



4, 40.664, 305.362

Inverse Universe

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



67, 64.891, 336.014



66, 78.564, 336.965



88, 71.398, 134.026



48, 7.366, 332.864



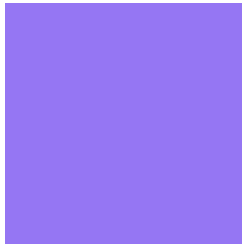
42, 75.435, 341.250



10, 34.337, 339.118

Previews

White Background



This preview shows how the CIELCh color 58, 71.295, 304.301 looks on a white background.

Color Contrast Check

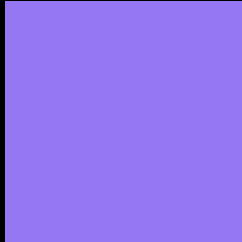
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 58, 71.295, 304.301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

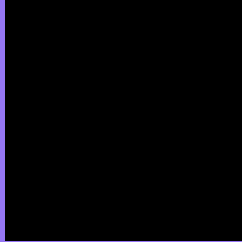
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 71.295, 304.301

Background



This preview shows how black text looks on a background with the CIELCh color 58, 71.295, 304.301.



This preview shows how white text looks on a background with the CIELCh color 58, 71.295, 304.301.

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
58, 7.575, 255.041

Trichromacy



Original Color
58, 71.295, 304.301

Protanomaly
58, 69.106, 292.761

Deuteranomaly
58, 60.916, 288.260

Tritanomaly
58, 29.704, 295.465

Monochromacy



Original Color
58, 71.295, 304.301

Achromatopsia
59, 0.008, 296.813

Achromatomaly
58, 26.624, 302.132

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 71.295, 304.301 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(149, 118, 243)` looks like.

```
.text, #text, p{  
    color:rgb(149, 118, 243)  
}
```

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(149, 118, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 118, 243) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 71.295, 304.301 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(149, 118, 243) }
```

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

```
.border{ border-color:rgb(149, 118, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 118, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 118, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 118, 243);  
box-shadow:4px 4px 4px 4px rgb(149, 118,  
243) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 71.295, 304.301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 118, 243) }
```

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

```
.background{ background-color: rgb(149,  
118, 243) }
```

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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