

Converting Colors

CIELCh(58, 72.031, 297.407)

Have a look what the booklet for
CIELCh(58, 72.031, 297.407)
contains.

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Color

CIELCh(58, 71.835, 297.475)

Conversions

Conversions Part 1

Format	Color
Hex	7C7DFC
RGB	124, 125, 252
RGB Percent	49%, 49%, 99%
CMY	0.5139, 0.5100, 0.0120
CMYK	0.51, 0.50, 0.00, 0.01
HSL	240°, 95%, 74%
HSV	240°, 51%, 99%
XYZ	33.1936, 25.9610, 95.3114
YIQ	139.1790, -41.3630, 39.2850

Conversions

Conversions Part 2

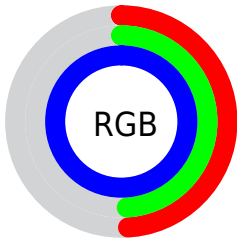
Format	Color
RYB	124, 125, 252
Decimal	8158716
CIELab	58.00, 33.14, -63.73
CIElCh	58, 71.835, 297.475
Yxy	25.9610, 0.2149, 0.1681
Android (android.graphics.Color)	4286348796 (0xFF7C7DFC)
YUV	139.1790, 55.6208, -13.3120
Hunter-Lab	50.9519, 27.1212, -75.2424

Details

The CIELCh color $58, 71.835, 297.475$ is a light color, and the websafe version is hex `6666CC`. A complement of this color would be $96, 62.318, 104.974$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $76, 41.650, 296.065$, and $38, 72.216, 297.584$ is the 20% darker color. If you saturate the color by 10%, you get $50, 87.569, 299.673$, and if you desaturate by 10%, it is $66, 56.490, 295.486$.

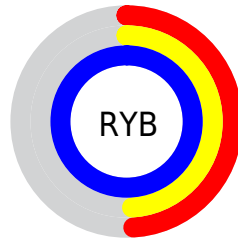
Distribution



Red (49%)

Green (49%)

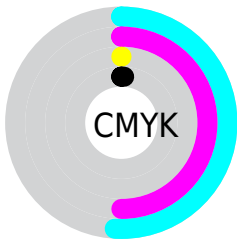
Blue (99%)



Red (49%)

Yellow (49%)

Blue (99%)

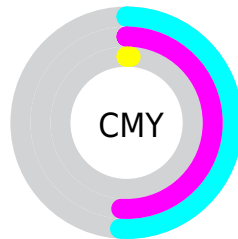


Cyan (51%)

Magenta (50%)

Yellow (0%)

Black (1%)



Cyan (51%)

Magenta (51%)


Yellow (1%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 71.835, 297.475 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, 71.835, 297.475 by changing the saturation by 10% instead.


 58, 71.835,
297.475

 58, 71.835,
297.475


 100, 71.835,
297.475


 48, 71.835,
297.475


 78, 71.835,
297.475

 38, 71.835,
297.475

 88, 71.835,
297.475

 28, 71.835,
297.475

 98, 71.835,
297.475

 18, 71.835,
297.475

 8, 71.835, 297.475

 0, 71.835, 297.475

■ 58, 71.835,
297.475

■ 58, 71.835,
297.475

■ 50, 87.569,
299.673

■ 66, 56.490,
295.486

■ 43, 103.097,
301.937

■ 74, 41.734,
293.752

■ 38, 117.073,
304.001

■ 82, 27.594,
292.269

■ 34, 127.355,
305.510

■ 90, 14.041,
291.014

■ 32, 132.288,
306.223

■ 98, 1.034, 290.021

100, 1.538,
110.013

Harmonies

Complementary

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



58, 71.835, 297.475



96, 62.318, 104.974

Rectangle

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



58, 71.835, 297.475



58, 71.835, 347.475



58, 71.835, 117.475



58, 71.835, 167.475

Sweetspot

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



58, 71.834, 297.476



88, 19.853, 291.516



92, 37.268, 195.389



45, 13.603, 291.782



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, 71.834, 297.476



51, 88.747, 299.726



63, 73.179, 311.166



48, 7.321, 290.865



23, 106.349, 306.195



3, 41.794, 300.685

Inverse Universe

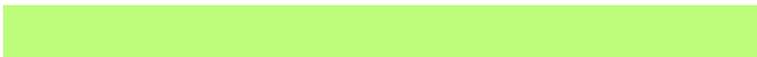
The Inverse Universe completely reimagines the original color for something new.



67, 53.804, 24.858



63, 66.755, 27.417



93, 67.580, 126.112



49, 5.166, 19.306



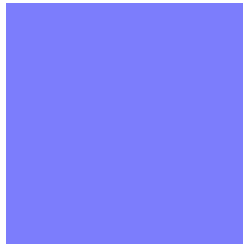
39, 83.027, 39.683



9, 32.137, 25.827

Previews

White Background



This preview shows how the CIELCh color 58, 71.835, 297.475 looks on a white background.

Color Contrast Check

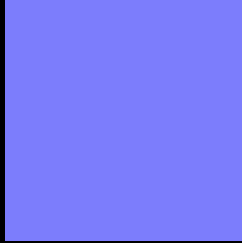
Large Text (above 18pt) WCAG AA ✓ Pass

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, 71.835, 297.475 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

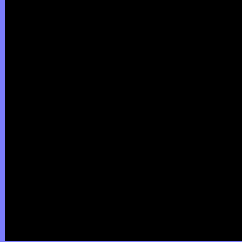
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 71.835, 297.475

Background



This preview shows how black text looks on a background with the CIELCh color 58, 71.835, 297.475.



This preview shows how white text looks on a background with the CIELCh color 58, 71.835, 297.475.

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
58, 71.835, 297.475

Protanopia
58, 68.253, 287.107

Deuteranopia
58, 62.193, 278.572



Tritanopia
58, 18.377, 219.948

Trichromacy



Original Color
58, 71.835, 297.475

Protanomaly
58, 69.717, 290.803

Deuteranomaly
57, 65.358, 284.412

Tritanomaly
57, 31.862, 275.303

Monochromacy



Original Color
58, 71.835, 297.475

Achromatopsia
58, 0.007, 296.813

Achromatomaly
57, 26.243, 293.164

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 71.835, 297.475 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(124, 125, 252)` looks like.

```
.text, #text, p{  
    color:rgb(124, 125, 252)  
}
```

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(124, 125, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 125, 252) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 71.835, 297.475 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(124, 125, 252) }
```

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

```
.border{ border-color:rgb(124, 125, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 125, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 125, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 125, 252);  
box-shadow:4px 4px 4px 4px rgb(124, 125,  
252) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 71.835, 297.475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 125, 252) }
```

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

```
.background{ background-color: rgb(124,  
125, 252) }
```

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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