

Converting Colors

CIELCh(58, 73.601, 297.530)

Have a look what the booklet for
CIELCh(58, 73.601, 297.530)
contains.

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Color

CIELCh(58, 73.469, 297.429)

Conversions

Conversions Part 1

Format	Color
Hex	7B7DFF
RGB	123, 125, 255
RGB Percent	48%, 49%, 100%
CMY	0.5192, 0.5111, 0.0015
CMYK	0.52, 0.51, 0.00, 0.00
HSL	239°, 99%, 74%
HSV	239°, 52%, 100%
XYZ	33.3924, 25.9610, 97.5358
YIQ	139.2220, -42.9220, 40.0060

Conversions

Conversions Part 2

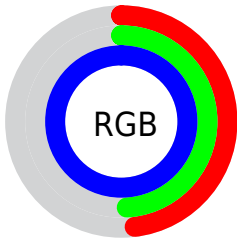
Format	Color
R _Y B	123, 125, 255
Decimal	8093183
CIE Lab	58.00, 33.84, -65.21
CIE LCh	58, 73.469, 297.429
Yxy	25.9610, 0.2128, 0.1655
Android (android.graphics.Color)	4286283263 (0xFF7B7DFF)
YUV	139.2220, 57.0786, -14.2267
Hunter-Lab	50.9519, 27.8177, -77.8308

Details

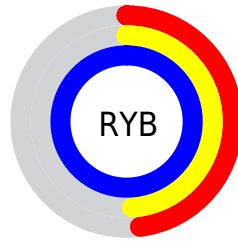
The CIELCh color **58, 73.469, 297.429** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **97, 63.593, 104.521**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **76, 41.650, 296.065**, and **38, 73.381, 297.494** is the 20% darker color. If you saturate the color by 10%, you get **50, 89.241, 299.662**, and if you desaturate by 10%, it is **66, 58.068, 295.402**.

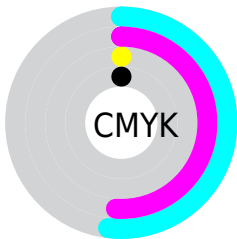
Distribution



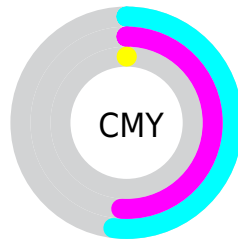
- Red (48%)
- Green (49%)
- Blue (100%)



- Red (48%)
- Yellow (49%)
- Blue (100%)



- Cyan (52%)
- Magenta (51%)
- Yellow (0%)
- Black (0%)





- Cyan (52%)
- Magenta (51%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 73.469, 297.429 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, 73.469, 297.429 by changing the saturation by 10% instead.


 58, 73.469,
297.429


 58, 73.469,
297.429


 100, 73.469,
297.429


 48, 73.469,
297.429


 78, 73.469,
297.429

 38, 73.469,
297.429

 88, 73.469,
297.429

 28, 73.469,
297.429

 98, 73.469,
297.429

 18, 73.469,
297.429

 8, 73.469, 297.429

 0, 73.469, 297.429

■ 58, 73.469,
297.429

■ 58, 73.469,
297.429

■ 50, 89.241,
299.662

■ 66, 58.068,
295.402

■ 44, 104.757,
301.951

■ 74, 43.250,
293.631

■ 38, 118.633,
304.023

■ 82, 29.048,
292.115

■ 34, 128.709,
305.524

■ 90, 15.434,
290.831

■ 32, 133.051,
306.161

■ 98, 2.366, 289.771

■ 100, 0.182,
109.740

Harmonies

Complementary

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



58, 73.469, 297.429



97, 63.593, 104.521

Rectangle

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



58, 73.469, 297.429



58, 73.469, 347.429



58, 73.469, 117.429



58, 73.469, 167.429

Sweetspot

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



58, 73.469, 297.430



87, 21.048, 291.338



93, 38.129, 195.345



45, 14.270, 291.603



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, 73.469, 297.430



50, 89.596, 299.699



63, 75.340, 311.224



49, 7.384, 290.561



23, 107.075, 306.107



4, 43.633, 301.504

Inverse Universe

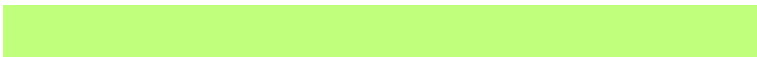
The Inverse Universe completely reimagines the original color for something new.



67, 55.382, 24.546



62, 67.730, 27.174



93, 69.444, 126.072



49, 5.252, 18.682



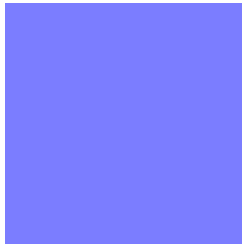
40, 83.523, 39.386



10, 33.237, 26.556

Previews

White Background



This preview shows how the CIELCh color 58, 73.469, 297.429 looks on a white background.

Color Contrast Check

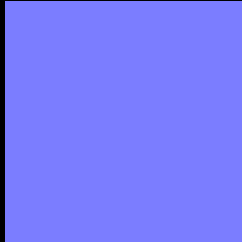
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIE LCh color 58, 73.469, 297.429 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

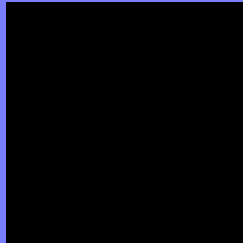
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 73.469, 297.429

Background



This preview shows how black text looks on a background with the CIELCh color 58, 73.469, 297.429.

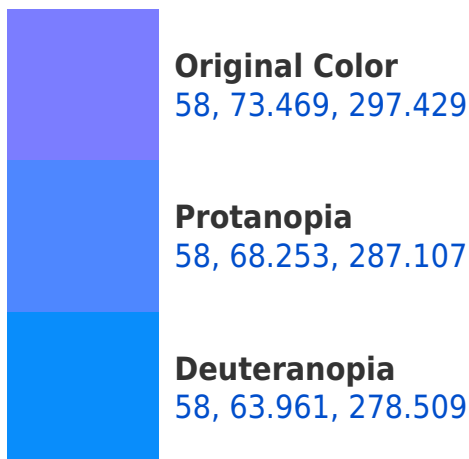


This preview shows how white text looks on a background with the CIELCh color 58, 73.469, 297.429.

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, 19.407, 218.624

Trichromacy



Original Color
58, 73.469, 297.429

Protanomaly
58, 70.278, 290.776

Deuteranomaly
57, 67.256, 283.567

Tritanomaly
58, 32.130, 273.394

Monochromacy



Original Color
58, 73.469, 297.429

Achromatopsia
58, 0.007, 296.813

Achromatomaly
57, 26.807, 292.507

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 73.469, 297.429 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(123, 125, 255)` looks like.

```
.text, #text, p{  
    color:rgb(123, 125, 255)  
}
```

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(123, 125, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 125, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 73.469, 297.429 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(123, 125, 255) }
```

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

```
.border{ border-color:rgb(123, 125, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 125, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(123, 125, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(123, 125, 255); box-shadow:4px 4px 4px 4px rgb(123, 125, 255) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 73.469, 297.429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 125, 255) }
```

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

```
.background{ background-color: rgb(123,  
125, 255) }
```

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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