

Converting Colors

CIELCh(58, 72.132, 297.380)

Have a look what the booklet for
CIELCh(58, 72.132, 297.380)
contains.

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Color

CIELCh(58, 72.387, 297.335)

Conversions

Conversions Part 1

Format	Color
Hex	7B7DFD
RGB	123, 125, 253
RGB Percent	48%, 49%, 99%
CMY	0.5177, 0.5099, 0.0079
CMYK	0.51, 0.51, 0.00, 0.01
HSL	239°, 97%, 74%
HSV	239°, 51%, 99%
XYZ	33.2212, 25.9610, 96.1676
YIQ	138.9940, -42.2800, 39.3840

Conversions

Conversions Part 2

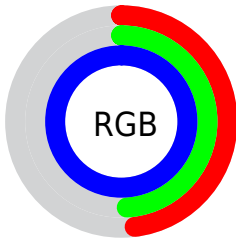
Format	Color
RYB	123, 125, 253
Decimal	8093181
CIELab	58.00, 33.24, -64.30
CIELCh	58, 72.387, 297.335
Yxy	25.9610, 0.2138, 0.1671
Android (android.graphics.Color)	4286283261 (0xFF7B7DFD)
YUV	138.9940, 56.2050, -14.0267
Hunter-Lab	50.9519, 27.2180, -76.2387

Details

The CIELCh color **58, 72.387, 297.335** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **97, 62.769, 104.574**, 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, 72.257, 297.326** is the 20% darker color. If you saturate the color by 10%, you get **50, 88.071, 299.559**, and if you desaturate by 10%, it is **66, 57.088, 295.321**.

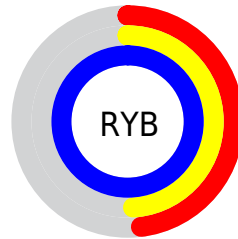
Distribution



Red (48%)

Green (49%)

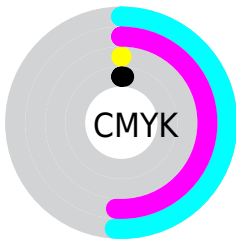
Blue (99%)



Red (48%)

Yellow (49%)

Blue (99%)

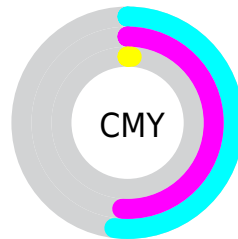


Cyan (51%)

Magenta (51%)

Yellow (0%)

Black (1%)



Cyan (52%)


Magenta (51%)


Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 72.387, 297.335 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, 72.387, 297.335 by changing the saturation by 10% instead.


 58, 72.387,
297.335


 58, 72.387,
297.335


 100, 72.387,
297.335


 48, 72.387,
297.335


 78, 72.387,
297.335

 38, 72.387,
297.335

 88, 72.387,
297.335

 28, 72.387,
297.335

 98, 72.387,
297.335

 18, 72.387,
297.335

 8, 72.387, 297.335

 0, 72.387, 297.335

■ 58, 72.387,
297.335

■ 58, 72.387,
297.335

■ 50, 88.071,
299.559

■ 66, 57.088,
295.321

■ 44, 103.545,
301.849

■ 74, 42.372,
293.563

■ 38, 117.471,
303.938

■ 82, 28.269,
292.059

■ 34, 127.724,
305.472

■ 90, 14.749,
290.785

■ 32, 132.404,
306.162

■ 98, 1.771, 289.746

100, 1.015,
110.026

Harmonies

Complementary

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



58, 72.387, 297.335



97, 62.769, 104.574

Rectangle

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



58, 72.387, 297.335



58, 72.387, 347.335



58, 72.387, 117.335



58, 72.387, 167.335

Sweetspot

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



58, 72.386, 297.336



88, 19.697, 291.221



92, 37.695, 195.364



45, 13.496, 291.488



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, 72.386, 297.336



50, 89.617, 299.706



63, 74.276, 311.198



49, 7.385, 290.569



23, 107.085, 306.110



4, 43.640, 301.508

Inverse Universe

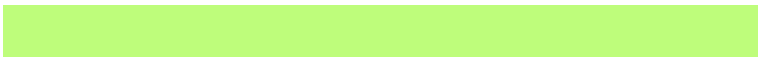
The Inverse Universe completely reimagines the original color for something new.



67, 54.544, 24.454



62, 67.737, 27.189



93, 68.520, 126.090



49, 5.252, 18.699



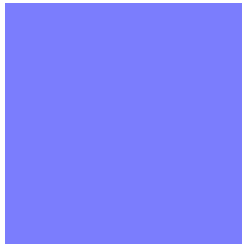
40, 83.532, 39.395



10, 33.239, 26.564

Previews

White Background



This preview shows how the CIELCh color 58, 72.387, 297.335 looks on a white background.

Color Contrast Check

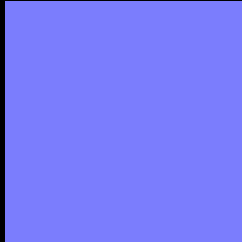
Large Text (above 18pt) WCAG AA ✓ Pass

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, 72.387, 297.335 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

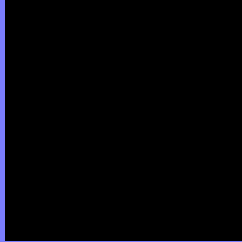
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 72.387, 297.335

Background



This preview shows how black text looks on a background with the CIELCh color 58, 72.387, 297.335.



This preview shows how white text looks on a background with the CIELCh color 58, 72.387, 297.335.

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, 19.152, 218.934

Trichromacy



Original Color
58, 72.387, 297.335

Protanomaly
58, 69.737, 290.651

Deuteranomaly
57, 65.978, 284.180

Tritanomaly
58, 32.052, 273.849

Monochromacy



Original Color
58, 72.387, 297.335

Achromatopsia
58, 0.007, 296.813

Achromatomaly
57, 26.240, 292.429

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 72.387, 297.335 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, 253)` looks like.

```
.text, #text, p{  
    color:rgb(123, 125, 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(123, 125, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 125, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 72.387, 297.335 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, 253) }
```

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

```
.border{ border-color:rgb(123, 125, 253) }
```

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, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 125, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 125, 253);  
box-shadow:4px 4px 4px 4px rgb(123, 125,  
253) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 72.387, 297.335 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, 253) }
```

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

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