

Converting Colors

CIELCh(44, 69.546, 298.792)

Have a look what the booklet for
CIELCh(44, 69.546, 298.792)
contains.

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Color

CIELCh(44, 70.058, 298.942)

Conversions

Conversions Part 1

Format	Color
Hex	5959CF
RGB	89, 89, 207
RGB Percent	35%, 35%, 81%
CMY	0.6498, 0.6501, 0.1872
CMYK	0.57, 0.57, 0.00, 0.19
HSL	240°, 55%, 58%
HSV	240°, 57%, 81%
XYZ	19.0331, 13.8382, 60.8695
YIQ	102.4520, -37.8780, 36.6980

Conversions

Conversions Part 2

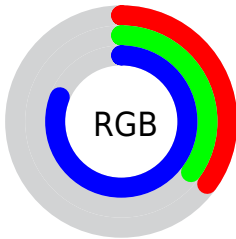
Format	Color
R _Y B	89, 89, 207
Decimal	5855695
CIE Lab	44.00, 33.90, -61.31
CIE LCh	44, 70.058, 298.942
Yxy	13.8382, 0.2030, 0.1476
Android (android.graphics.Color)	4284045775 (0xFF5959CF)
YUV	102.4520, 51.5422, -11.7974
Hunter-Lab	37.1997, 26.2295, -70.9757

Details

The CIELCh color **44, 70.058, 298.942** is a dark color, and the websafe version is hex **6666CC**. The color can be described as dark muted blue. A complement of this color would be **81, 59.330, 104.899**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 64.787, 298.772**, and **24, 70.492, 299.079** is the 20% darker color. If you saturate the color by 10%, you get **38, 83.567, 301.151**, and if you desaturate by 10%, it is **51, 56.632, 296.868**.

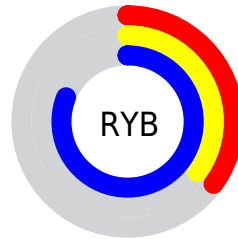
Distribution



Red (35%)

Green (35%)

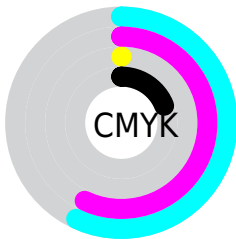
Blue (81%)



Red (35%)

Yellow (35%)

Blue (81%)

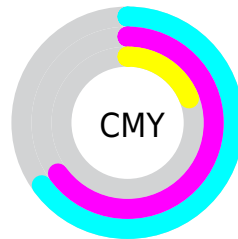


Cyan (57%)

Magenta (57%)

Yellow (0%)

Black (19%)



Cyan (65%)


Magenta (65%)


Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 70.058, 298.942 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 44, 70.058, 298.942 by changing the saturation by 10% instead.


 44, 70.058,
298.942


 44, 70.058,
298.942


 100, 70.058,
298.942


 34, 70.058,
298.942

 64, 70.058,
298.942


 24, 70.058,
298.942

 74, 70.058,
298.942

 14, 70.058,
298.942

 84, 70.058,
298.942

 4, 70.058, 298.942

 94, 70.058,
298.942

 0, 70.058, 298.942

 44, 70.058,

 44, 70.058,

298.942

■ 38, 83.567,
301.151

■ 32, 96.311,
303.283

■ 28, 106.712,
305.018

■ 26, 112.997,
306.051

■ 25, 114.455,
306.289

298.942

■ 51, 56.632,
296.868

■ 58, 43.630,
295.019

■ 64, 31.148,
293.421

■ 71, 19.187,
292.058

■ 78, 7.715, 290.906

■ 85, 3.304, 109.897

■ 92, 13.905,
109.079

■ 99, 24.100,
108.350

Harmonies

Complementary

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



44, 70.058, 298.942



81, 59.330, 104.899

Rectangle

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



44, 70.058, 298.942



44, 70.058, 348.942



44, 70.058, 118.942



44, 70.058, 168.942

Sweetspot

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



44, 70.058, 298.943



86, 22.779, 292.089



77, 34.293, 196.967



44, 15.300, 292.350



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



44, 70.058, 298.943



46, 100.592, 301.562



50, 70.094, 311.946



40, 6.372, 291.171



19, 98.025, 306.289



1, 25.556, 293.229

Inverse Universe

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



57, 73.449, 327.340



65, 99.012, 327.751



77, 64.355, 126.519



41, 7.690, 324.949



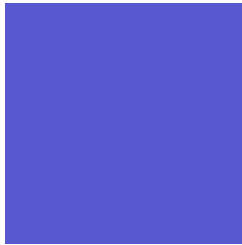
40, 84.625, 328.253



6, 31.100, 327.841

Previews

White Background



This preview shows how the CIE LCh color 44, 70.058, 298.942 looks on a white background.

Color Contrast Check

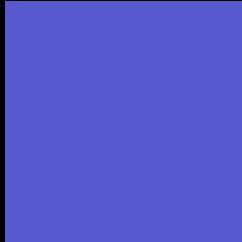
Large Text (above 18pt) WCAG AA ✓ Pass

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 44, 70.058, 298.942 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

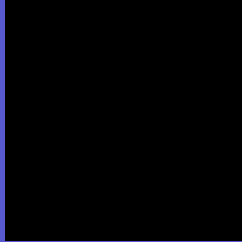
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 70.058, 298.942

Background



This preview shows how black text looks on a background with the CIELCh color 44, 70.058, 298.942.

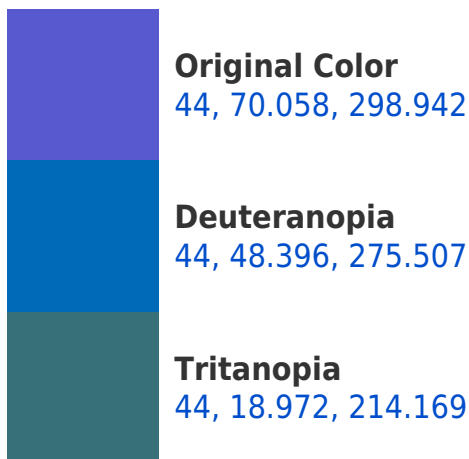


This preview shows how white text looks on a background with the CIELCh color 44, 70.058, 298.942.

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



Trichromacy



Original Color
44, 70.058, 298.942

Deuteranomaly
43, 55.719, 283.949

Tritanomaly
43, 30.141, 273.399

Monochromacy



Original Color
44, 70.058, 298.942

Achromatopsia
44, 0.006, 296.813

Achromatomaly
43, 25.893, 293.805

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 70.058, 298.942 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, 89, 207)` looks like.

```
.text, #text, p{  
    color:rgb(89, 89, 207)  
}
```

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, 89, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 89, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 70.058, 298.942 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, 89, 207) }
```

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

```
.border{ border-color:rgb(89, 89, 207) }
```

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

Here you see how a box with a 4 pixel rgb(89, 89, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 89, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 89, 207);  
box-shadow:4px 4px 4px 4px rgb(89, 89,  
207) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 70.058, 298.942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 89, 207) }
```

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

```
.background{ background-color: rgb(89, 89,  
207) }
```

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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