

Converting Colors

CIELCh(44, 75.590, 298.734)

Have a look what the booklet for
CIELCh(44, 75.590, 298.734)
contains.

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Color

CIELCh(44, 75.781, 298.862)

Conversions

Conversions Part 1

Format	Color
Hex	5458D8
RGB	84, 88, 216
RGB Percent	33%, 35%, 85%
CMY	0.6703, 0.6547, 0.1527
CMYK	0.61, 0.59, 0.00, 0.15
HSL	238°, 63%, 59%
HSV	238°, 61%, 85%
XYZ	19.5604, 13.8382, 66.6510
YIQ	101.3960, -43.4720, 38.9600

Conversions

Conversions Part 2

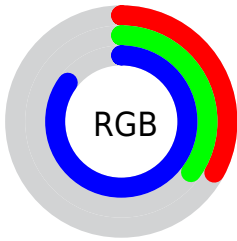
Format	Color
R_{YB}	84, 88, 216
Decimal	5527768
CIE _{Lab}	44.00, 36.58, -66.37
CIE _{LCh}	44, 75.781, 298.862
Yxy	13.8382, 0.1955, 0.1383
Android (android.graphics.Color)	4283717848 (0xFF5458D8)
YUV	101.3960, 56.4998, -15.2563
Hunter-Lab	37.1997, 28.7597, -80.1905

Details

The CIELCh color **44, 75.781, 298.862** is a dark color, and the websafe version is hex **6666FF**. The color can be described as dark muted blue. A complement of this color would be **83, 63.540, 103.073**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 65.394, 298.352**, and **24, 75.761, 299.737** is the 20% darker color. If you saturate the color by 10%, you get **38, 89.325, 301.188**, and if you desaturate by 10%, it is **51, 62.196, 296.640**.

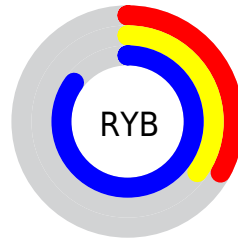
Distribution



Red (33%)

Green (35%)

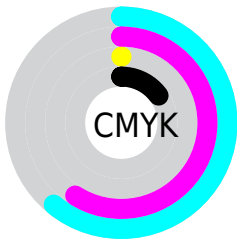
Blue (85%)



Red (33%)

Yellow (35%)

Blue (85%)

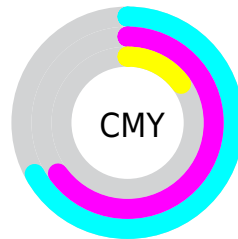


Cyan (61%)

Magenta (59%)

Yellow (0%)

Black (15%)



Cyan (67%)


Magenta (65%)

Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 75.781, 298.862 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, 75.781, 298.862 by changing the saturation by 10% instead.

 44, 75.781,
298.862


 44, 75.781,
298.862


 100, 75.781,
298.862

 34, 75.781,
298.862

 64, 75.781,
298.862


 24, 75.781,
298.862

 74, 75.781,
298.862

 14, 75.781,
298.862

 84, 75.781,
298.862

 4, 75.781, 298.862

 94, 75.781,
298.862

 0, 75.781, 298.862

 44, 75.781,

 44, 75.781,

298.862

■ 38, 89.325,
301.188

■ 33, 101.841,
303.378

■ 29, 111.646,
305.100

■ 27, 116.808,
305.989

298.862

■ 51, 62.196,
296.640

■ 58, 48.990,
294.640

■ 65, 36.293,
292.898

■ 72, 24.116,
291.408

■ 79, 12.432,
290.143

■ 86, 1.203, 289.128

■ 93, 9.606, 108.138

■ 99, 19.680,
108.688

Harmonies

Complementary

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



44, 75.781, 298.862



83, 63.540, 103.073

Rectangle

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



44, 75.781, 298.862



44, 75.781, 348.862



44, 75.781, 118.862



44, 75.781, 168.862

Sweetspot

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



44, 75.781, 298.863



86, 23.412, 291.017



79, 37.619, 193.179



43, 16.365, 291.410



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, 75.781, 298.863



43, 105.088, 301.783



49, 77.594, 311.178



41, 6.300, 289.952



20, 97.696, 305.889



2, 26.997, 293.378

Inverse Universe

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



54, 57.834, 25.739



58, 80.048, 29.817



80, 70.122, 125.208



42, 4.549, 17.491



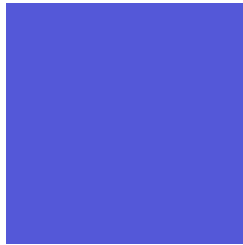
35, 76.076, 38.665



5, 21.977, 18.425

Previews

White Background



This preview shows how the CIELCh color 44, 75.781, 298.862 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, 75.781, 298.862 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

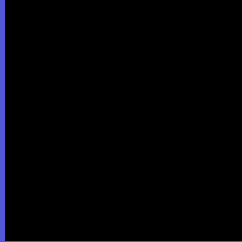
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 75.781, 298.862

Background



This preview shows how black text looks on a background with the CIELCh color 44, 75.781, 298.862.

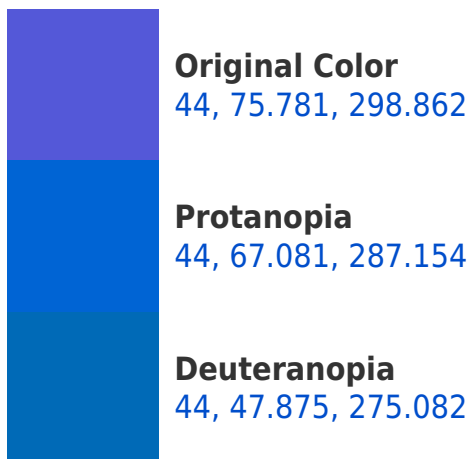


This preview shows how white text looks on a background with the CIELCh color 44, 75.781, 298.862.

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
44, 23.012, 210.761

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 75.781, 298.862 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(84, 88, 216)` looks like.

```
.text, #text, p{  
    color:rgb(84, 88, 216)  
}
```

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(84, 88, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 88, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 75.781, 298.862 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(84, 88, 216) }
```

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

```
.border{ border-color:rgb(84, 88, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 88, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 88, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 88, 216);  
box-shadow:4px 4px 4px 4px rgb(84, 88,  
216) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 75.781, 298.862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 88, 216) }
```

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

```
.background{ background-color: rgb(84, 88,  
216) }
```

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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