

Converting Colors

CIELCh(58, 60.614, 303.803)

Have a look what the booklet for
CIELCh(58, 60.614, 303.803)
contains.

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Color

CIELCh(58, 60.762, 303.945)

Conversions

Conversions Part 1

Format	Color
Hex	957AE4
RGB	149, 122, 228
RGB Percent	58%, 48%, 89%
CMY	0.4151, 0.5211, 0.1053
CMYK	0.35, 0.46, 0.00, 0.11
HSL	255°, 66%, 69%
HSV	255°, 46%, 89%
XYZ	33.4168, 25.9610, 76.7498
YIQ	142.1570, -17.9340, 38.6900

Conversions

Conversions Part 2

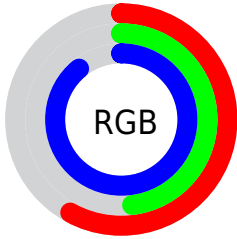
Format	Color
RYB	149, 122, 228
Decimal	9796324
CIELab	58.00, 33.93, -50.41
CIELCh	58, 60.762, 303.945
Yxy	25.9610, 0.2455, 0.1907
Android (android.graphics.Color)	4287986404 (0xFF957AE4)
YUV	142.1570, 42.3206, 6.0013
Hunter-Lab	50.9519, 27.9031, -53.6432

Details

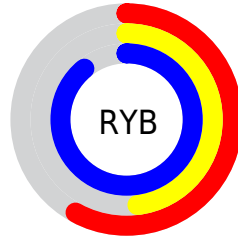
The CIELCh color $58, 60.762, 303.945$ is a light color, and the websafe version is hex `9966CC`. A complement of this color would be $87, 54.554, 117.240$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $77, 44.370, 306.895$, and $38, 60.594, 303.902$ is the 20% darker color. If you saturate the color by 10%, you get $51, 74.785, 305.013$, and if you desaturate by 10%, it is $65, 46.919, 302.938$.

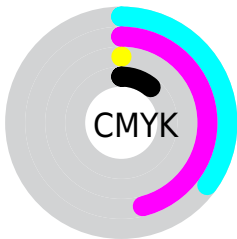
Distribution



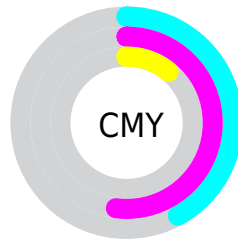
- Red (58%)
- Green (48%)
- Blue (89%)



- Red (58%)
- Yellow (48%)
- Blue (89%)



- Cyan (35%)
- Magenta (46%)
- Yellow (0%)
- Black (11%)





- Cyan (42%)
- Magenta (52%)
- Yellow (11%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 60.762, 303.945 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, 60.762, 303.945 by changing the saturation by 10% instead.


 58, 60.762,
303.945


 58, 60.762,
303.945


 100, 60.762,
303.945


 48, 60.762,
303.945


 78, 60.762,
303.945

 38, 60.762,
303.945

 88, 60.762,
303.945

 28, 60.762,
303.945

 98, 60.762,
303.945

 18, 60.762,
303.945

 8, 60.762, 303.945

 0, 60.762, 303.945

■ 58, 60.762,
303.945

■ 58, 60.762,
303.945

■ 51, 74.785,
305.013

■ 65, 46.919,
302.938

■ 45, 88.576,
306.072

■ 72, 33.452,
302.023

■ 39, 101.343,
306.998

■ 79, 20.435,
301.211

■ 35, 111.834,
307.605

■ 86, 7.885, 300.497

■ 93, 4.209, 119.892

■ 32, 118.640,
307.698

■ 99, 13.680,
115.010

■ 31, 120.433,
307.679

■ 99, 13.592,
109.150

Harmonies

Complementary

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



58, 60.762, 303.945



87, 54.554, 117.240

Rectangle

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



58, 60.762, 303.945



58, 60.762, 353.945



58, 60.762, 123.945



58, 60.762, 173.945

Sweetspot

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



58, 60.761, 303.945



89, 18.930, 301.032



77, 27.128, 229.872



46, 13.121, 301.195



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, 60.761, 303.945



57, 81.160, 305.000



63, 63.632, 319.258



44, 6.992, 300.701



23, 100.062, 307.807



3, 34.292, 302.922

Inverse Universe

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



66, 56.047, 335.873



68, 72.184, 336.718



84, 61.990, 134.786



45, 6.952, 333.109



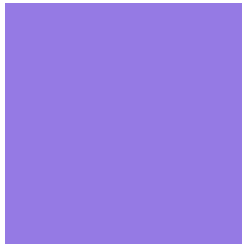
40, 72.825, 341.640



8, 31.398, 339.085

Previews

White Background



This preview shows how the CIELCh color 58, 60.762, 303.945 looks on a white background.

Color Contrast Check

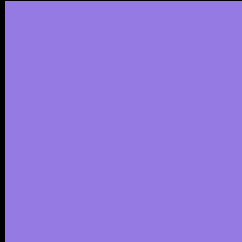
Large Text (above 18pt) WCAG AA ✓ Pass

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, 60.762, 303.945 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

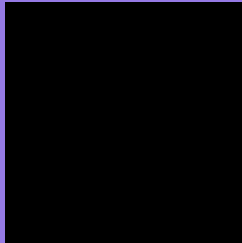
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 60.762, 303.945

Background



This preview shows how black text looks on a background with the CIELCh color 58, 60.762, 303.945.

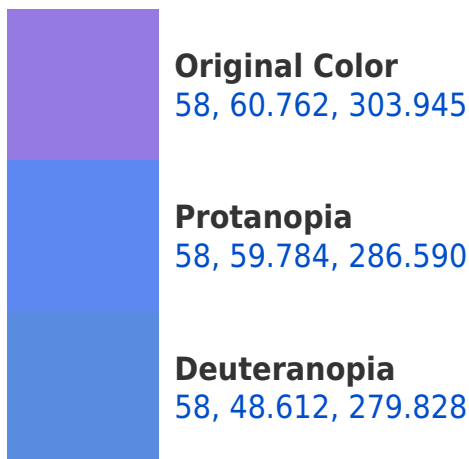


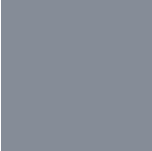
This preview shows how white text looks on a background with the CIELCh color 58, 60.762, 303.945.

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, 6.726, 268.033

Trichromacy



Original Color
58, 60.762, 303.945

Protanomaly
58, 59.561, 292.073

Deuteranomaly
58, 52.312, 289.036

Tritanomaly
58, 25.751, 296.910

Monochromacy



Original Color
58, 60.762, 303.945

Achromatopsia
59, 0.008, 296.813

Achromatomaly
58, 21.988, 301.906

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 60.762, 303.945 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(149, 122, 228)` looks like.

```
.text, #text, p{  
    color:rgb(149, 122, 228)  
}
```

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(149, 122, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 122, 228) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 60.762, 303.945 is called "border". The border property can be set on classes, ids or directly on the HTML element.

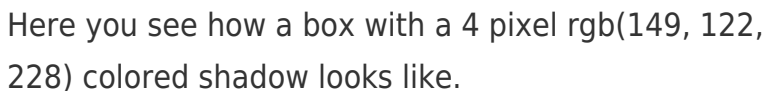
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(149, 122, 228) }
```

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

```
.border{ border-color:rgb(149, 122, 228) }
```

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



Here you see how a box with a 4 pixel `rgb(149, 122, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 122, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 122, 228);  
box-shadow:4px 4px 4px 4px rgb(149, 122,  
228) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 60.762, 303.945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 122, 228) }
```

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

```
.background{ background-color: rgb(149,  
122, 228) }
```

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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