

Converting Colors

CIELCh(60, 65.578, 308.322)

Have a look what the booklet for
CIELCh(60, 65.578, 308.322)
contains.

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Color

CIELCh(60, 65.514, 308.308)

Conversions

Conversions Part 1	
Format	Color
Hex	A77AEC
RGB	167, 122, 236
RGB Percent	65%, 48%, 93%
CMY	0.3458, 0.5222, 0.0752
CMYK	0.29, 0.48, 0.00, 0.08
HSL	264°, 75%, 70%
HSV	264°, 48%, 92%
XYZ	37.9552, 28.1233, 82.6512
YIQ	148.4510, -9.7740, 44.9940

Conversions

Conversions Part 2

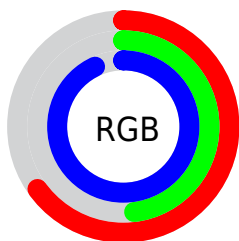
Format	Color
RYB	167, 122, 236
Decimal	10975980
CIELab	60.00, 40.61, -51.41
CIELCh	60, 65.514, 308.308
Yxy	28.1233, 0.2552, 0.1891
Android (android.graphics.Color)	4289166060 (0xFFA77AEC)
YUV	148.4510, 43.1617, 16.2675
Hunter-Lab	53.0314, 34.9494, -55.2834

Details

The CIELCh color **60, 65.514, 308.308** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **88, 59.808, 122.882**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **78, 45.992, 314.695**, and **40, 65.115, 308.190** is the 20% darker color. If you saturate the color by 10%, you get **54, 79.512, 309.001**, and if you desaturate by 10%, it is **67, 51.398, 307.601**.

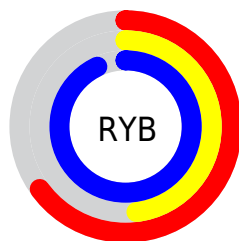
Distribution



Red (65%)

Green (48%)

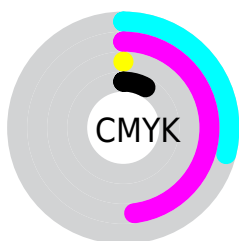
Blue (93%)



Red (65%)

Yellow (48%)

Blue (93%)

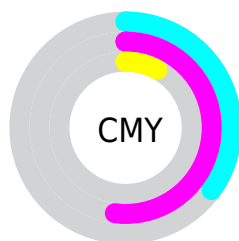


Cyan (29%)

Magenta (48%)

Yellow (0%)

Black (8%)



Cyan (35%)


Magenta (52%)


Yellow (8%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 65.514, 308.308 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 60, 65.514, 308.308 by changing the saturation by 10% instead.


 60, 65.514,
308.308


 60, 65.514,
308.308


 100, 65.514,
308.308


 50, 65.514,
308.308


 80, 65.514,
308.308

 40, 65.514,
308.308

 90, 65.514,
308.308


 30, 65.514,
308.308

 20, 65.514,
308.308

 10, 65.514,
308.308


 0, 65.514, 308.308


 60, 65.514,

 60, 65.514,


308.308


308.308

 54, 79.512,
309.001


 67, 51.398,
307.601


 48, 92.866,
309.608


 74, 37.467,
306.923

 42, 104.721,
310.014


 81, 23.871,
306.294

 38, 113.948,
310.074


 88, 10.678,
305.723

 35, 119.676,
309.682

 94, 2.089, 125.273

 35, 120.473,
309.609

 99, 9.759, 114.752

 100, 9.706,
109.442

Harmonies

Complementary

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



60, 65.514, 308.308



88, 59.808, 122.882

Rectangle

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



60, 65.514, 308.308



60, 65.514, 358.308



60, 65.514, 128.308



60, 65.514, 178.308

Sweetspot

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



60, 65.513, 308.308



90, 19.290, 306.044



75, 30.401, 249.866



46, 13.364, 306.169



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



60, 65.513, 308.308



58, 84.232, 308.996



66, 69.294, 323.446



45, 7.262, 305.785



26, 98.632, 309.787



4, 37.129, 308.126

Inverse Universe

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



66, 54.545, 342.780



66, 68.079, 344.039



85, 68.767, 138.015



46, 6.408, 339.062



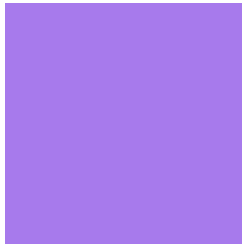
39, 67.756, 352.390



8, 29.895, 347.664

Previews

White Background



This preview shows how the CIELCh color 60, 65.514, 308.308 looks on a white background.

Color Contrast Check

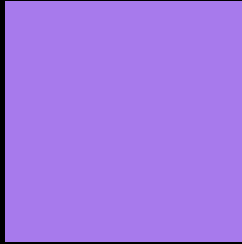
Large Text (above 18pt) WCAG AA ✓ Pass

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 60, 65.514, 308.308 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

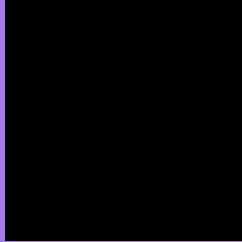
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 65.514, 308.308

Background



This preview shows how black text looks on a background with the CIELCh color 60, 65.514, 308.308.



This preview shows how white text looks on a background with the CIELCh color 60, 65.514, 308.308.

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



Original Color

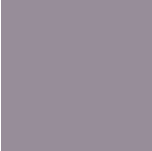
60, 65.514, 308.308

Protanopia

60, 63.875, 286.750

Deuteranopia

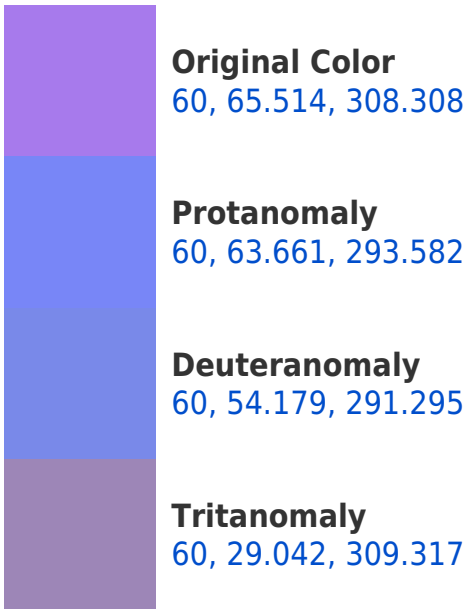
60, 49.374, 280.244



Tritanopia

60, 7.831, 320.122

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 65.514, 308.308 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(167, 122, 236)` looks like.

```
.text, #text, p{  
    color:rgb(167, 122, 236)  
}
```

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(167, 122, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 122, 236) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 65.514, 308.308 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(167, 122, 236) }
```

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

```
.border{ border-color:rgb(167, 122, 236) }
```

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

Here you see how a box with a 4 pixel rgb(167, 122, 236) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 122, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 122, 236);  
box-shadow:4px 4px 4px 4px rgb(167, 122,  
236) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 65.514, 308.308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 122, 236) }
```

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

```
.background{ background-color: rgb(167,  
122, 236) }
```

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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