

Converting Colors

CIELCh(58, 61.591, 316.295)

Have a look what the booklet for
CIELCh(58, 61.591, 316.295)
contains.

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Color

CIELCh(58, 61.144, 316.385)

Conversions

Conversions Part 1

Format	Color
Hex	B370D6
RGB	179, 112, 214
RGB Percent	70%, 44%, 84%
CMY	0.2987, 0.5614, 0.1615
CMYK	0.16, 0.48, 0.00, 0.16
HSL	279°, 55%, 64%
HSV	279°, 48%, 84%
XYZ	36.4406, 25.9610, 66.5896
YIQ	143.6610, 7.1900, 45.9260

Conversions

Conversions Part 2

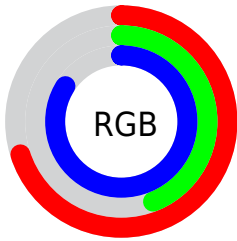
Format	Color
R _Y B	179, 112, 214
Decimal	11759830
CIE Lab	58.00, 44.27, -42.18
CIE LCh	58, 61.144, 316.385
Yxy	25.9610, 0.2825, 0.2013
Android (android.graphics.Color)	4289949910 (0xFFB370D6)
YUV	143.6610, 34.6771, 30.9923
Hunter-Lab	50.9519, 38.4965, -41.8203

Details

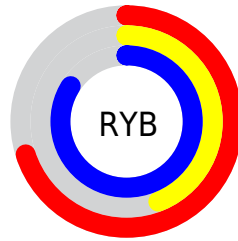
The CIELCh color **58, 61.144, 316.385** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **79, 58.626, 132.031**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **77, 53.497, 320.038**, and **38, 61.344, 316.363** is the 20% darker color. If you saturate the color by 10%, you get **53, 73.405, 316.719**, and if you desaturate by 10%, it is **63, 48.319, 315.979**.

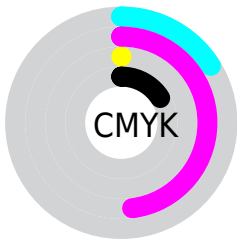
Distribution



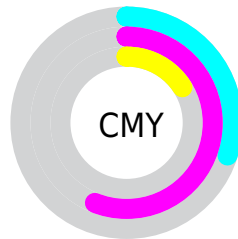
- Red (70%)
- Green (44%)
- Blue (84%)



- Red (70%)
- Yellow (44%)
- Blue (84%)



- Cyan (16%)
- Magenta (48%)
- Yellow (0%)
- Black (16%)





- Cyan (30%)
- Magenta (56%)
- Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 61.144, 316.385 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, 61.144, 316.385 by changing the saturation by 10% instead.


 58, 61.144,
316.385


 58, 61.144,
316.385


 100, 61.144,
316.385


 48, 61.144,
316.385


 78, 61.144,
316.385

 38, 61.144,
316.385

 88, 61.144,
316.385

 28, 61.144,
316.385

 98, 61.144,
316.385

 18, 61.144,
316.385

 8, 61.144, 316.385

 0, 61.144, 316.385

58, 61.144,
316.385

58, 61.144,
316.385

53, 73.405,
316.719

63, 48.319,
315.979

48, 84.573,
316.925

69, 35.311,
315.539

44, 93.970,
316.934

75, 22.362,
315.093

41, 100.898,
316.670

81, 9.620, 314.651

87, 2.832, 134.323


39, 105.010,
316.086

93, 14.951,
133.894

39, 105.785,
315.938

97, 22.825,
131.866

98, 21.860,
125.597

 98, 21.185,
118.738

Harmonies

Complementary

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



58, 61.144, 316.385



79, 58.626, 132.031

Rectangle

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



58, 61.144, 316.385



58, 61.144, 6.385



58, 61.144, 136.385



58, 61.144, 186.385

Sweetspot

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



58, 61.142, 316.385



90, 20.335, 314.935



61, 38.183, 278.423



47, 14.071, 315.032



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, 61.142, 316.385



63, 83.673, 316.715



62, 58.442, 331.798



42, 7.119, 314.727



30, 89.404, 316.096



4, 30.263, 314.952

Inverse Universe

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



60, 43.817, 359.101



66, 59.881, 1.171



78, 58.639, 144.751



42, 5.020, 353.864



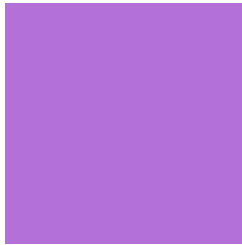
36, 63.702, 16.765



5, 22.439, 3.944

Previews

White Background



This preview shows how the CIELCh color 58, 61.144, 316.385 looks on a white background.

Color Contrast Check

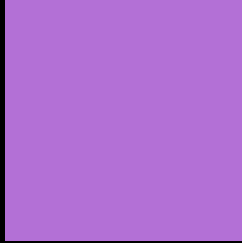
Large Text (above 18pt) WCAG AA ✓ Pass

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, 61.144, 316.385 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

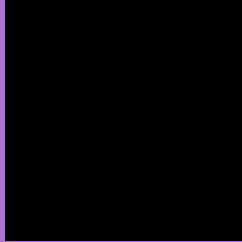
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 61.144, 316.385

Background



This preview shows how black text looks on a background with the CIELCh color 58, 61.144, 316.385.

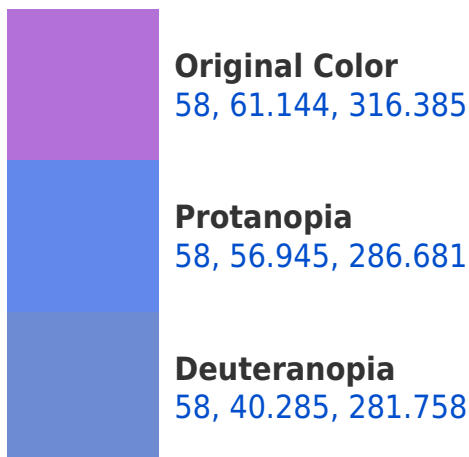


This preview shows how white text looks on a background with the CIELCh color 58, 61.144, 316.385.

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, 16.232, 0.894

Trichromacy



Original Color
58, 61.144, 316.385



Protanomaly
57, 57.444, 296.388



Deuteranomaly
58, 46.773, 297.158



Tritanomaly
58, 30.213, 329.010

Monochromacy



Original Color
58, 61.144, 316.385



Achromatopsia
59, 0.008, 296.813



Achromatomaly
58, 22.892, 315.000

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 61.144, 316.385 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(179, 112, 214)` looks like.

```
.text, #text, p{  
    color:rgb(179, 112, 214)  
}
```

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(179, 112, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 112, 214) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 61.144, 316.385 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(179, 112, 214) }
```

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

```
.border{ border-color:rgb(179, 112, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 112, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 112, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 112, 214);  
box-shadow:4px 4px 4px 4px rgb(179, 112,  
214) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 61.144, 316.385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 112, 214) }
```

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

```
.background{ background-color: rgb(179,  
112, 214) }
```

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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