

Converting Colors

CIELCh(58, 65.779, 316.796)

Have a look what the booklet for
CIELCh(58, 65.779, 316.796)
contains.

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Color

CIELCh(58, 65.630, 316.693)

Conversions

Conversions Part 1

Format	Color
Hex	B66DDB
RGB	182, 109, 219
RGB Percent	71%, 43%, 86%
CMY	0.2866, 0.5729, 0.1416
CMYK	0.17, 0.50, 0.00, 0.14
HSL	280°, 60%, 64%
HSV	280°, 50%, 86%
XYZ	37.5012, 25.9610, 69.9858
YIQ	143.3670, 8.1980, 49.6860

Conversions

Conversions Part 2

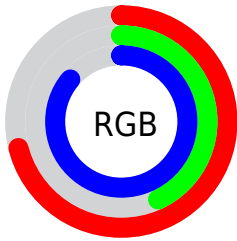
Format	Color
RYB	182, 109, 219
Decimal	11955675
CIELab	58.00, 47.76, -45.02
CIELCh	58, 65.630, 316.693
Yxy	25.9610, 0.2810, 0.1945
Android (android.graphics.Color)	4290145755 (0xFFB66DDB)
YUV	143.3670, 37.2871, 33.8811
Hunter-Lab	50.9519, 42.2123, -45.7723

Details

The CIELCh color **58, 65.630, 316.693** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **81, 62.874, 132.106**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **77, 55.233, 321.547**, and **38, 65.137, 316.573** is the 20% darker color. If you saturate the color by 10%, you get **53, 77.872, 316.995**, and if you desaturate by 10%, it is **63, 52.672, 316.304**.

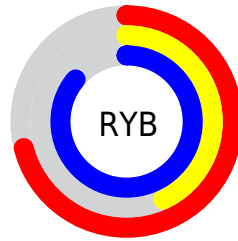
Distribution



Red (71%)

Green (43%)

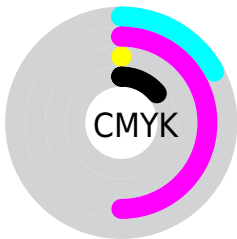
Blue (86%)



Red (71%)

Yellow (43%)

Blue (86%)

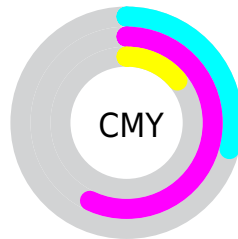


Cyan (17%)

Magenta (50%)

Yellow (0%)

Black (14%)



Cyan (29%)


Magenta (57%)


Yellow (14%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 65.630, 316.693 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, 65.630, 316.693 by changing the saturation by 10% instead.


 58, 65.630,
316.693


 58, 65.630,
316.693


 100, 65.630,
316.693


 48, 65.630,
316.693


 78, 65.630,
316.693

 38, 65.630,
316.693

 88, 65.630,
316.693

 28, 65.630,
316.693

 98, 65.630,
316.693

 18, 65.630,
316.693

 8, 65.630, 316.693

 0, 65.630, 316.693

58, 65.630,
316.693

58, 65.630,
316.693

53, 77.872,
316.995

63, 52.672,
316.304

48, 88.812,
317.153

69, 39.430,
315.872

45, 97.738,
317.094

75, 26.185,
315.426

42, 103.982,
316.746

81, 13.115,
314.984

40, 107.533,
316.128

87, 0.320, 314.015

93, 12.144,
134.209

98, 19.971,
131.776

98, 19.041,
124.537

■ 99, 18.451,
116.580

Harmonies

Complementary

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



58, 65.630, 316.693



81, 62.874, 132.106

Rectangle

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



58, 65.630, 316.693



58, 65.630, 6.693



58, 65.630, 136.693



58, 65.630, 186.693

Sweetspot

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



58, 65.628, 316.693



90, 21.846, 315.199



61, 41.084, 279.109



46, 14.937, 315.293



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, 65.628, 316.693



61, 87.739, 317.002



62, 62.400, 331.965



43, 7.271, 314.948



31, 90.276, 316.287



4, 32.533, 315.928

Inverse Universe

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



60, 46.899, 0.098



64, 62.623, 2.414



79, 62.722, 144.433



43, 5.100, 354.319



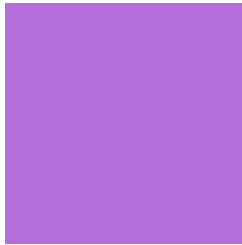
36, 64.577, 17.472



6, 24.008, 4.976

Previews

White Background



This preview shows how the CIELCh color 58, 65.630, 316.693 looks on a white background.

Color Contrast Check

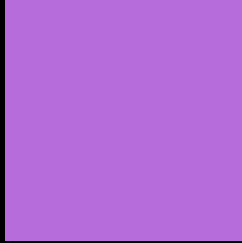
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 58, 65.630, 316.693 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

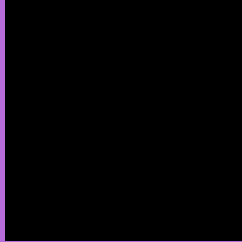
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 65.630, 316.693

Background



This preview shows how black text looks on a background with the CIELCh color 58, 65.630, 316.693.

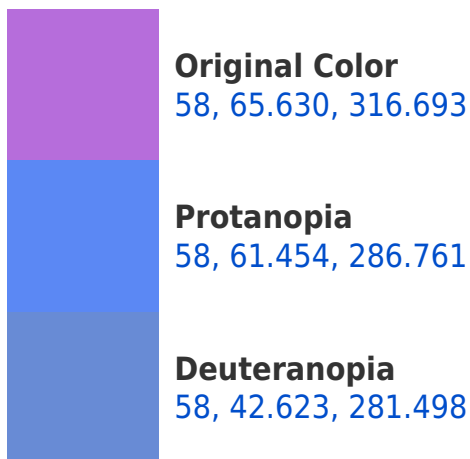


This preview shows how white text looks on a background with the CIELCh color 58, 65.630, 316.693.

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](#).

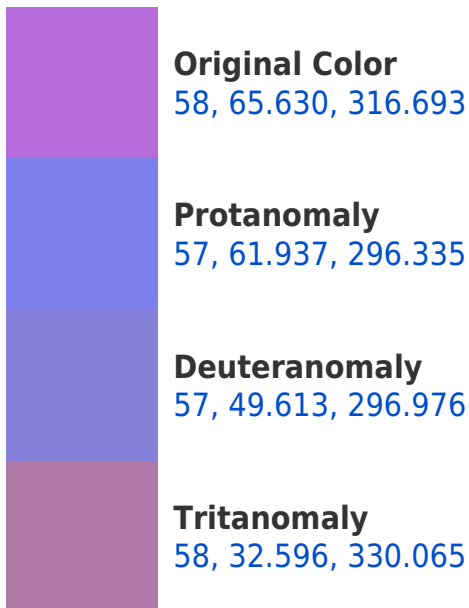
Dichromacy



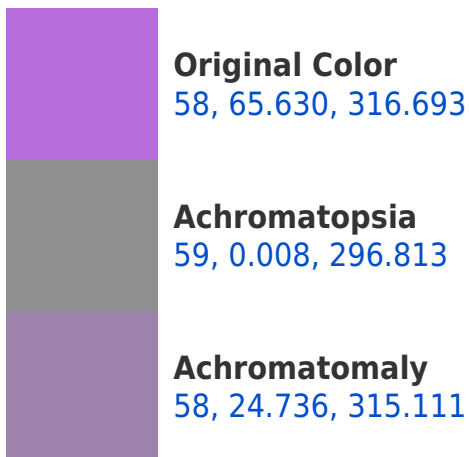


Tritanopia
58, 17.410, 2.488

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 65.630, 316.693 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(182, 109, 219)` looks like.

```
.text, #text, p{  
    color:rgb(182, 109, 219)  
}
```

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(182, 109, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 109, 219) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 65.630, 316.693 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(182, 109, 219) }
```

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

```
.border{ border-color:rgb(182, 109, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 109, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 109, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 109, 219);  
box-shadow:4px 4px 4px 4px rgb(182, 109,  
219) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 65.630, 316.693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 109, 219) }
```

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

```
.background{ background-color: rgb(182,  
109, 219) }
```

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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