

Converting Colors

CIELCh(57, 65.854, 314.852)

Have a look what the booklet for
CIELCh(57, 65.854, 314.852)
contains.

| | |
|--|----|
| CIELCh(57, 65.801, 314.843) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 21 |
| <i>Color Blindness Simulation</i> | 24 |
| <i>CSS Examples</i> | 27 |

Color

CIELCh(57, 65.801, 314.843)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | AF6CDB |
| RGB | 175, 108, 219 |
| RGB Percent | 69%, 42%, 86% |
| CMY | 0.3141, 0.5768, 0.1415 |
| CMYK | 0.20, 0.51, 0.00, 0.14 |
| HSL | 276°, 61%, 64% |
| HSV | 276°, 51%, 86% |
| XYZ | 35.7892, 24.9227, 69.8830 |
| YIQ | 140.6870, 4.3010, 48.7250 |

Conversions

Conversions Part 2

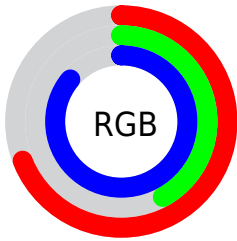
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 175, 108, 219 |
| Decimal | 11496667 |
| CIELab | 57.00, 46.40, -46.66 |
| CIELCh | 57, 65.801, 314.843 |
| Yxy | 24.9227, 0.2740, 0.1908 |
| Android (android.graphics.Color) | 4289686747 (0xFFAF6CDB) |
| YUV | 140.6870, 38.6083, 30.0925 |
| Hunter-Lab | 49.9226, 40.6008, -48.0498 |

Details

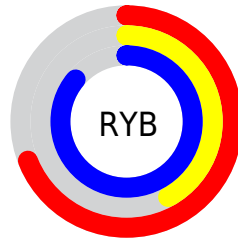
The CIELCh color $57, 65.801, 314.843$ is a light color, and the websafe version is hex `9966CC`. A complement of this color would be $81, 62.292, 130.227$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $76, 55.607, 319.392$, and $37, 65.608, 314.988$ is the 20% darker color. If you saturate the color by 10%, you get $52, 78.198, 315.185$, and if you desaturate by 10%, it is $63, 52.791, 314.419$.

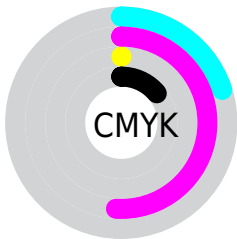
Distribution



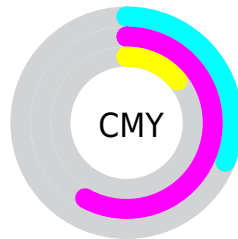
- Red (69%)
- Green (42%)
- Blue (86%)



- Red (69%)
- Yellow (42%)
- Blue (86%)



- Cyan (20%)
- Magenta (51%)
- Yellow (0%)
- Black (14%)





- Cyan (31%)
- Magenta (58%)
- Yellow (14%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 65.801, 314.843 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 57, 65.801, 314.843 by changing the saturation by 10% instead.


 57, 65.801,
314.843

 57, 65.801,
314.843


 100, 65.801,
314.843


 47, 65.801,
314.843


 77, 65.801,
314.843

 37, 65.801,
314.843

 87, 65.801,
314.843

 27, 65.801,
314.843

 97, 65.801,
314.843

 17, 65.801,
314.843

 7, 65.801, 314.843

 0, 65.801, 314.843

57, 65.801,
314.843

57, 65.801,
314.843

52, 78.198,
315.185

63, 52.791,
314.419

47, 89.396,
315.381

69, 39.584,
313.959

43, 98.643,
315.347

75, 26.437,
313.494

40, 105.193,
314.995

81, 13.508,
313.041


38, 108.872,
314.386

87, 0.881, 312.448

93, 11.401,
132.258

98, 19.654,
129.691

98, 18.707,
120.804

 99, 18.268,
111.080

Harmonies

Complementary

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



57, 65.801, 314.843



81, 62.292, 130.227

Rectangle

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



57, 65.801, 314.843



57, 65.801, 4.843



57, 65.801, 134.843



57, 65.801, 184.843

Sweetspot

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



57, 65.799, 314.843



89, 21.546, 313.240



62, 38.701, 275.098



46, 14.736, 313.337



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



57, 65.799, 314.843



60, 88.845, 315.208



62, 65.051, 330.219



43, 7.166, 312.984



29, 91.373, 314.558



4, 32.056, 313.561

Inverse Universe

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



60, 48.263, 355.940



64, 64.478, 358.202



79, 65.490, 142.911



43, 5.278, 350.442



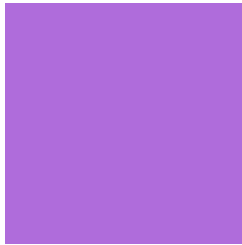
37, 63.523, 11.748



6, 24.276, 1.426

Previews

White Background



This preview shows how the CIELCh color 57, 65.801, 314.843 looks on a white background.

Color Contrast Check

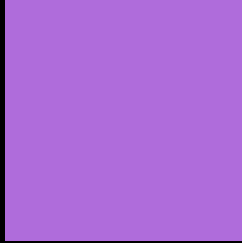
Large Text (above 18pt) WCAG AA ✓ Pass

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 57, 65.801, 314.843 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

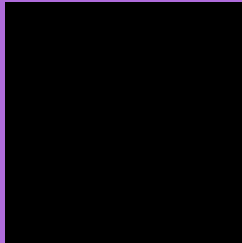
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 65.801, 314.843

Background



This preview shows how black text looks on a background with the CIELCh color 57, 65.801, 314.843.

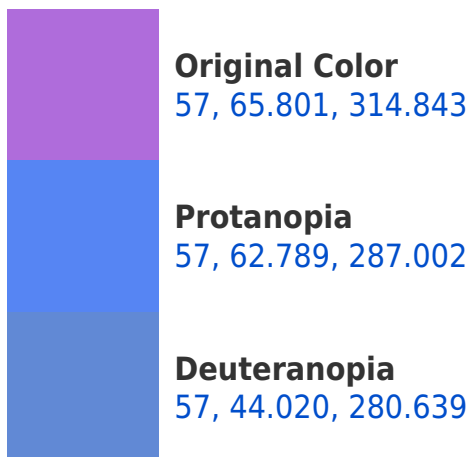


This preview shows how white text looks on a background with the CIELCh color 57, 65.801, 314.843.

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
57, 14.737, 358.467

Trichromacy



Original Color
57, 65.801, 314.843



Protanomaly
56, 62.671, 295.550



Deuteranomaly
56, 50.850, 295.495



Tritanomaly
57, 31.211, 325.910

Monochromacy



Original Color
57, 65.801, 314.843



Achromatopsia
59, 0.008, 296.813



Achromatomaly
57, 24.538, 313.495

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 65.801, 314.843 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(175, 108, 219)` looks like.

```
.text, #text, p{  
    color:rgb(175, 108, 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(175, 108, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 108, 219) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 65.801, 314.843 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(175, 108, 219) }
```

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

```
.border{ border-color:rgb(175, 108, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 108, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 108, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 108, 219);  
box-shadow:4px 4px 4px 4px rgb(175, 108,  
219) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 65.801, 314.843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 108, 219) }
```

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

```
.background{ background-color: rgb(175,  
108, 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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