

Converting Colors

CIELCh(61, 56.777, 317.634)

Have a look what the booklet for
CIELCh(61, 56.777, 317.634)
contains.

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Color

CIELCh(61, 56.720, 317.654)

Conversions

Conversions Part 1

Format	Color
Hex	BB79D7
RGB	187, 121, 215
RGB Percent	73%, 47%, 84%
CMY	0.2657, 0.5246, 0.1559
CMYK	0.13, 0.44, 0.00, 0.16
HSL	282°, 54%, 66%
HSV	282°, 44%, 84%
XYZ	39.7199, 29.2481, 68.0136
YIQ	151.4500, 9.1620, 43.2260

Conversions

Conversions Part 2

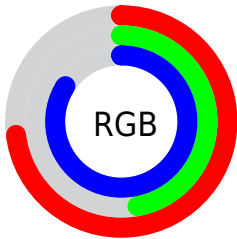
Format	Color
R _Y B	187, 121, 215
Decimal	12286423
CIE Lab	61.00, 41.92, -38.21
CIE LCh	61, 56.720, 317.654
Yxy	29.2481, 0.2900, 0.2135
Android (android.graphics.Color)	4290476503 (0xFFBB79D7)
YUV	151.4500, 31.3302, 31.1774
Hunter-Lab	54.0815, 36.4557, -36.7068

Details

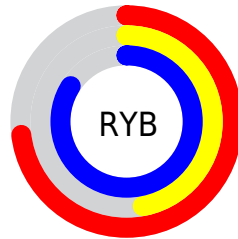
The CIELCh color $61, 56.720, 317.654$ is a light color, and the websafe version is hex `9966CC`. A complement of this color would be $80, 54.943, 133.599$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 48.504, 322.490$, and $41, 56.837, 317.633$ is the 20% darker color. If you saturate the color by 10%, you get $56, 69.250, 318.003$, and if you desaturate by 10%, it is $66, 43.708, 317.245$.

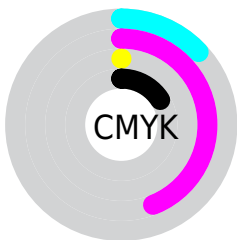
Distribution



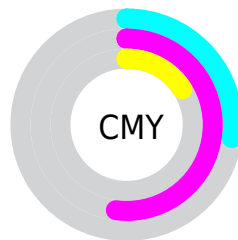
- Red (73%)
- Green (47%)
- Blue (84%)



- Red (73%)
- Yellow (47%)
- Blue (84%)



- Cyan (13%)
- Magenta (44%)
- Yellow (0%)
- Black (16%)





- Cyan (27%)
- Magenta (52%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 56.720, 317.654 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 61, 56.720, 317.654 by changing the saturation by 10% instead.


 61, 56.720,
317.654


 61, 56.720,
317.654


 100, 56.720,
317.654


 51, 56.720,
317.654


 81, 56.720,
317.654

 41, 56.720,
317.654

 91, 56.720,
317.654

 31, 56.720,
317.654

 21, 56.720,
317.654

 11, 56.720,
317.654

 1, 56.720, 317.654

 0, 56.720, 317.654

61, 56.720,
317.654

61, 56.720,
317.654

56, 69.250,
318.003

66, 43.708,
317.245

51, 80.818,
318.246

72, 30.561,
316.810

47, 90.796,
318.325

78, 17.499,
316.368

44, 98.505,
318.174

84, 4.658, 315.914

42, 103.429,
317.734

90, 7.884, 135.577

40, 105.389,
317.338

96, 20.087,
135.187

97, 21.871,
130.980

98, 21.054,
125.248

■ 98, 20.469,
119.040

Harmonies

Complementary

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



61, 56.720, 317.654



80, 54.943, 133.599

Rectangle

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



61, 56.720, 317.654



61, 56.720, 7.654



61, 56.720, 137.654



61, 56.720, 187.654

Sweetspot

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



61, 56.718, 317.654



91, 19.074, 316.344



62, 37.449, 281.137



47, 13.376, 316.442



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



61, 56.718, 317.654



66, 77.068, 317.966



64, 52.390, 333.410



42, 7.201, 316.180



32, 88.639, 317.487



4, 30.667, 316.820

Inverse Universe

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



62, 39.802, 1.622



68, 54.363, 3.392



79, 52.319, 146.808



42, 4.903, 356.946



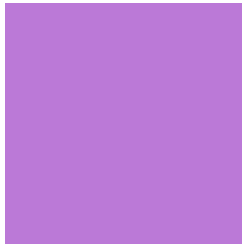
36, 64.897, 20.945



5, 22.271, 6.344

Previews

White Background



This preview shows how the CIELCh color 61, 56.720, 317.654 looks on a white background.

Color Contrast Check

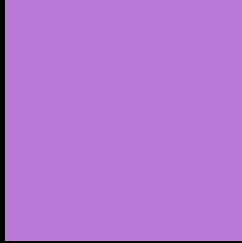
Large Text (above 18pt) WCAG AA ✓ Pass

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 61, 56.720, 317.654 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

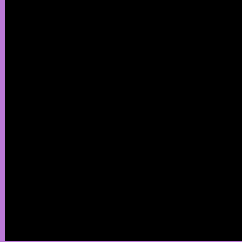
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 56.720, 317.654

Background



This preview shows how black text looks on a background with the CIELCh color 61, 56.720, 317.654.

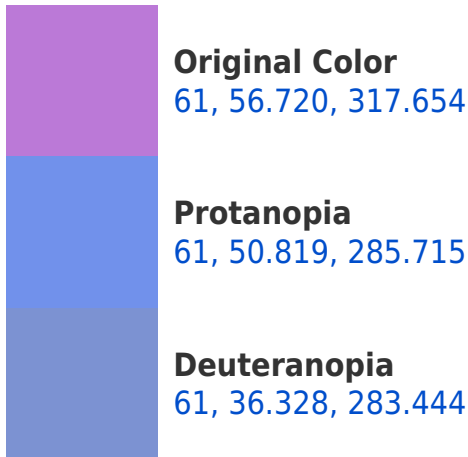


This preview shows how white text looks on a background with the CIELCh color 61, 56.720, 317.654.

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
61, 17.376, 0.588

Trichromacy



Original Color
61, 56.720, 317.654

Protanomaly
61, 51.890, 296.908

Deuteranomaly
61, 42.516, 298.913

Tritanomaly
61, 29.558, 331.548

Monochromacy



Original Color
61, 56.720, 317.654

Achromatopsia
63, 0.008, 296.813

Achromatomaly
62, 21.132, 316.728

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 56.720, 317.654 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(187, 121, 215)` looks like.

```
.text, #text, p{  
    color:rgb(187, 121, 215)  
}
```

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(187, 121, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 121, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 56.720, 317.654 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(187, 121, 215) }
```

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

```
.border{ border-color:rgb(187, 121, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 121, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 121, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 121, 215);  
box-shadow:4px 4px 4px 4px rgb(187, 121,  
215) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 56.720, 317.654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 121, 215) }
```

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

```
.background{ background-color: rgb(187,  
121, 215) }
```

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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