

Converting Colors

CIELCh(58, 61.126, 306.948)

Have a look what the booklet for
CIELCh(58, 61.126, 306.948)
contains.

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Color

CIELCh(58, 60.629, 306.889)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 9D78E1 |
| RGB | 157, 120, 225 |
| RGB Percent | 62%, 47%, 88% |
| CMY | 0.3851, 0.5301, 0.1185 |
| CMYK | 0.30, 0.47, 0.00, 0.12 |
| HSL | 261°, 63%, 68% |
| HSV | 261°, 47%, 88% |
| XYZ | 34.1217, 25.9610, 74.2985 |
| YIQ | 143.0330, -11.6530, 40.4990 |

Conversions

Conversions Part 2

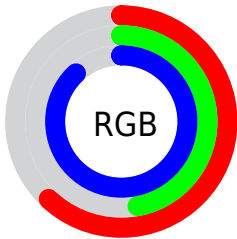
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 157, 120, 225 |
| Decimal | 10320097 |
| CIE _{Lab} | 58.00, 36.39, -48.49 |
| CIE _{LCh} | 58, 60.629, 306.889 |
| Yxy | 25.9610, 0.2539, 0.1932 |
| Android (android.graphics.Color) | 4288510177 (0xFF9D78E1) |
| YUV | 143.0330, 40.4097, 12.2491 |
| Hunter-Lab | 50.9519, 30.3728, -50.7908 |

Details

The CIELCh color $58, 60.629, 306.889$ is a light color, and the websafe version is hex $9966CC$. A complement of this color would be $85, 55.184, 121.281$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $77, 46.209, 310.663$, and $38, 60.837, 306.945$ is the 20% darker color. If you saturate the color by 10%, you get $52, 74.250, 307.685$, and if you desaturate by 10%, it is $65, 47.031, 306.106$.

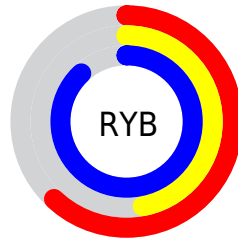
Distribution



Red (62%)

Green (47%)

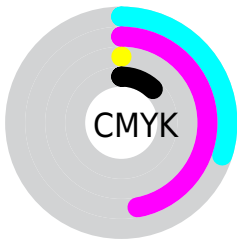
Blue (88%)



Red (62%)

Yellow (47%)

Blue (88%)

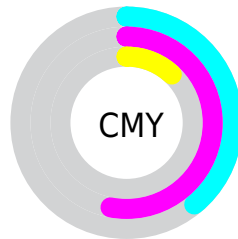


Cyan (30%)

Magenta (47%)

Yellow (0%)

Black (12%)



Cyan (39%)


Magenta (53%)


Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 60.629, 306.889 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, 60.629, 306.889 by changing the saturation by 10% instead.


 58, 60.629,
306.889


 58, 60.629,
306.889


 100, 60.629,
306.889


 48, 60.629,
306.889


 78, 60.629,
306.889

 38, 60.629,
306.889

 88, 60.629,
306.889

 28, 60.629,
306.889

 98, 60.629,
306.889

 18, 60.629,
306.889

 8, 60.629, 306.889

 0, 60.629, 306.889

58, 60.629,
306.889

58, 60.629,
306.889

52, 74.250,
307.685

65, 47.031,
306.106

46, 87.450,
308.427

71, 33.694,
305.372

40, 99.464,
309.004

78, 20.729,
304.703

36, 109.189,
309.263

85, 8.180, 304.102

33, 115.505,
309.052

92, 3.945, 123.605

32, 117.127,
308.945

98, 15.656,
123.133

99, 15.282,
109.023

Harmonies

Complementary

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



58, 60.629, 306.889



85, 55.184, 121.281

Rectangle

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



58, 60.629, 306.889



58, 60.629, 356.889



58, 60.629, 126.889



58, 60.629, 176.889

Sweetspot

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



58, 60.628, 306.889



89, 19.166, 304.541



73, 27.734, 244.717



46, 13.280, 304.676



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, 60.628, 306.889



59, 81.216, 307.661



64, 64.195, 322.359



43, 6.954, 304.261



24, 97.342, 309.107



3, 32.548, 304.934

Inverse Universe

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



64, 52.204, 340.401



67, 67.834, 341.474



82, 63.430, 137.366



44, 6.366, 337.126



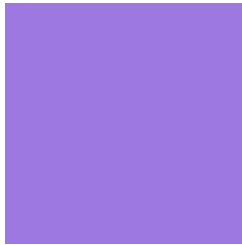
39, 67.791, 348.821



7, 28.452, 344.522

Previews

White Background



This preview shows how the CIELCh color 58, 60.629, 306.889 looks on a white background.

Color Contrast Check

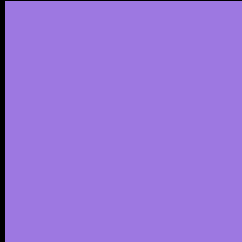
Large Text (above 18pt) WCAG AA ✓ Pass

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, 60.629, 306.889 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

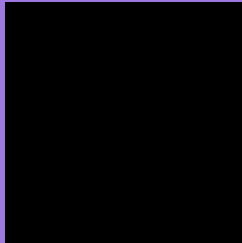
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 60.629, 306.889

Background



This preview shows how black text looks on a background with the CIELCh color 58, 60.629, 306.889.



This preview shows how white text looks on a background with the CIELCh color 58, 60.629, 306.889.

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
58, 60.629, 306.889

Protanopia
58, 59.218, 286.599

Deuteranopia
58, 46.807, 280.203



Tritanopia
58, 5.915, 305.817

Trichromacy



Original Color
58, 60.629, 306.889

Protanomaly
58, 59.005, 293.187

Deuteranomaly
58, 50.572, 290.633

Tritanomaly
58, 26.389, 305.375

Monochromacy



Original Color
58, 60.629, 306.889

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 22.187, 304.666

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 60.629, 306.889 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(157, 120, 225)` looks like.

```
.text, #text, p{  
    color:rgb(157, 120, 225)  
}
```

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(157, 120, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 120, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 60.629, 306.889 is called "border". The border property can be set on classes, ids or directly on the HTML element.

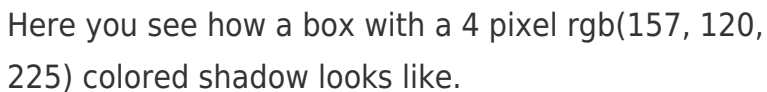
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 120, 225) }
```

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

```
.border{ border-color:rgb(157, 120, 225) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 120, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 120, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 120, 225); box-shadow:4px 4px 4px 4px rgb(157, 120, 225) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 60.629, 306.889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 120, 225) }
```

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

```
.background{ background-color: rgb(157,  
120, 225) }
```

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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