

Converting Colors

CIELCh(58, 67.317, 304.590)

Have a look what the booklet for
CIELCh(58, 67.317, 304.590)
contains.

CIELCh(58, 67.505, 304.777)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(58, 67.505, 304.777)

Conversions

Conversions Part 1

Format	Color
Hex	9777ED
RGB	151, 119, 237
RGB Percent	59%, 47%, 93%
CMY	0.4071, 0.5326, 0.0698
CMYK	0.36, 0.50, 0.00, 0.07
HSL	256°, 77%, 70%
HSV	256°, 50%, 93%
XYZ	34.7332, 25.9610, 83.4566
YIQ	142.0200, -18.8060, 43.4820

Conversions

Conversions Part 2

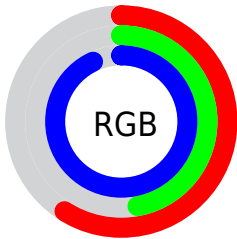
Format	Color
R _Y B	151, 119, 237
Decimal	9926637
CIE Lab	58.00, 38.50, -55.45
CIE LCh	58, 67.505, 304.777
Yxy	25.9610, 0.2410, 0.1801
Android (android.graphics.Color)	4288116717 (0xFF9777ED)
YUV	142.0200, 46.8251, 7.8755
Hunter-Lab	50.9519, 32.5150, -61.4476

Details

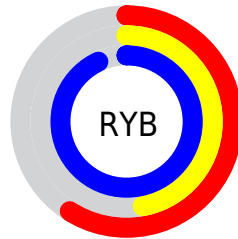
The CIELCh color **58, 67.505, 304.777** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **89, 60.152, 117.772**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **76, 46.443, 308.901**, and **38, 67.004, 304.727** is the 20% darker color. If you saturate the color by 10%, you get **51, 81.911, 305.801**, and if you desaturate by 10%, it is **65, 53.145, 303.787**.

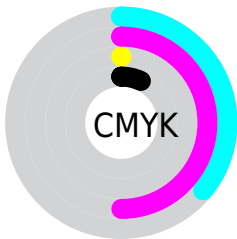
Distribution



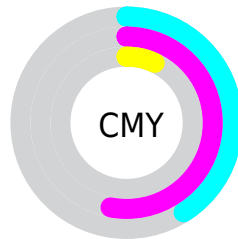
- Red (59%)
- Green (47%)
- Blue (93%)



- Red (59%)
- Yellow (47%)
- Blue (93%)



- Cyan (36%)
- Magenta (50%)
- Yellow (0%)
- Black (7%)




- Cyan (41%)
- Magenta (53%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 67.505, 304.777 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, 67.505, 304.777 by changing the saturation by 10% instead.

 58, 67.505,
304.777

 58, 67.505,
304.777


 100, 67.505,
304.777


 48, 67.505,
304.777


 78, 67.505,
304.777

 38, 67.505,
304.777

 88, 67.505,
304.777

 28, 67.505,
304.777

 98, 67.505,
304.777

 18, 67.505,
304.777

 8, 67.505, 304.777

 0, 67.505, 304.777

58, 67.505,
304.777

58, 67.505,
304.777

51, 81.911,
305.801

65, 53.145,
303.787

45, 95.818,
306.774

72, 39.105,
302.874

39, 108.253,
307.550

80, 25.500,
302.054

35, 117.820,
307.937

87, 12.367,
301.331

32, 123.620,
307.843

94, 0.293, 120.851

32, 123.745,
307.842

100, 9.009,
109.697

100, 9.009,
109.494

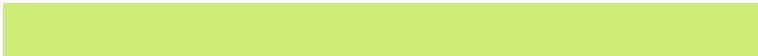
Harmonies

Complementary

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



58, 67.505, 304.777



89, 60.152, 117.772

Rectangle

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



58, 67.505, 304.777



58, 67.505, 354.777



58, 67.505, 124.777



58, 67.505, 174.777

Sweetspot

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



58, 67.504, 304.777



88, 20.357, 301.703



79, 29.548, 233.004



46, 13.942, 301.859



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, 67.504, 304.777



55, 87.243, 305.850



64, 70.271, 319.893



46, 7.261, 301.312



24, 101.939, 307.977



4, 38.664, 305.205

Inverse Universe

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



66, 60.853, 336.885



66, 75.481, 337.857



86, 68.561, 135.025



47, 7.121, 333.753



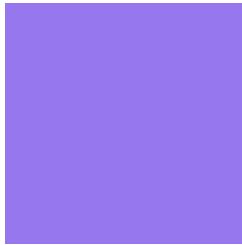
41, 73.502, 342.813



9, 32.939, 340.268

Previews

White Background



This preview shows how the CIELCh color 58, 67.505, 304.777 looks on a white background.

Color Contrast Check

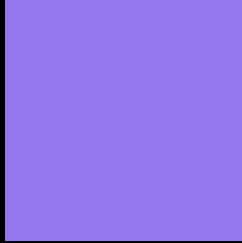
Large Text (above 18pt) WCAG AA ✓ Pass

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, 67.505, 304.777 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

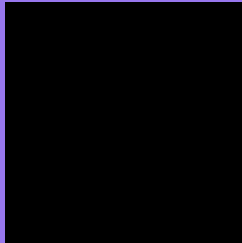
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 67.505, 304.777

Background



This preview shows how black text looks on a background with the CIELCh color 58, 67.505, 304.777.



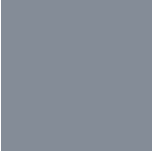
This preview shows how white text looks on a background with the CIELCh color 58, 67.505, 304.777.

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, 6.869, 265.172

Trichromacy



Original Color
58, 67.505, 304.777



Protanomaly
58, 66.894, 292.713



Deuteranomaly
57, 58.615, 289.330



Tritanomaly
57, 28.698, 298.163

Monochromacy



Original Color
58, 67.505, 304.777



Achromatopsia
59, 0.008, 296.813



Achromatomaly
58, 24.864, 301.840

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 67.505, 304.777 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(151, 119, 237)` looks like.

```
.text, #text, p{  
    color:rgb(151, 119, 237)  
}
```

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(151, 119, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 119, 237) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 67.505, 304.777 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(151, 119, 237) }
```

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

```
.border{ border-color:rgb(151, 119, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 119, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 119, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 119, 237);  
box-shadow:4px 4px 4px 4px rgb(151, 119,  
237) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 67.505, 304.777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 119, 237) }
```

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

```
.background{ background-color: rgb(151,  
119, 237) }
```

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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