

Converting Colors

CIELCh(58, 73.812, 304.223)

Have a look what the booklet for
CIELCh(58, 73.812, 304.223)
contains.

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Color

CIELCh(58, 73.421, 304.180)

Conversions

Conversions Part 1

Format	Color
Hex	9576F7
RGB	149, 118, 247
RGB Percent	58%, 46%, 97%
CMY	0.4168, 0.5382, 0.0325
CMYK	0.40, 0.52, 0.00, 0.03
HSL	254°, 89%, 71%
HSV	254°, 52%, 97%
XYZ	35.5391, 25.9610, 90.9073
YIQ	141.9750, -22.9330, 46.6910

Conversions

Conversions Part 2

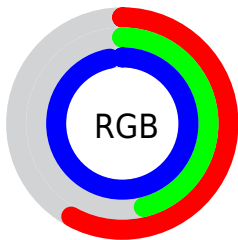
Format	Color
R _Y B	149, 118, 247
Decimal	9795319
CIE Lab	58.00, 41.25, -60.74
CIE LCh	58, 73.421, 304.180
Yxy	25.9610, 0.2332, 0.1703
Android (android.graphics.Color)	4287985399 (0xFF9576F7)
YUV	141.9750, 51.7773, 6.1609
Hunter-Lab	50.9519, 35.3384, -70.1176

Details

The CIELCh color **58, 73.421, 304.180** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **93, 64.597, 116.298**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **76, 46.922, 308.358**, and **38, 73.849, 304.222** is the 20% darker color. If you saturate the color by 10%, you get **51, 88.340, 305.310**, and if you desaturate by 10%, it is **65, 58.491, 303.083**.

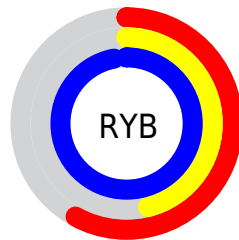
Distribution



Red (58%)

Green (46%)

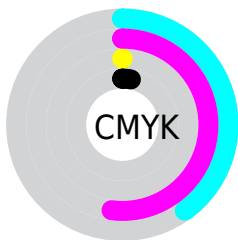
Blue (97%)



Red (58%)

Yellow (46%)

Blue (97%)

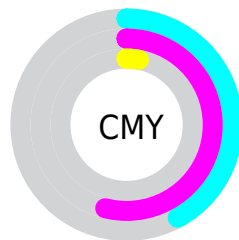


Cyan (40%)

Magenta (52%)

Yellow (0%)

Black (3%)



Cyan (42%)


Magenta (54%)


Yellow (3%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 73.421, 304.180 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, 73.421, 304.180 by changing the saturation by 10% instead.


 58, 73.421,
304.180


 58, 73.421,
304.180


 100, 73.421,
304.180


 48, 73.421,
304.180


 78, 73.421,
304.180

 38, 73.421,
304.180

 88, 73.421,
304.180

 28, 73.421,
304.180

 98, 73.421,
304.180

 18, 73.421,
304.180

 8, 73.421, 304.180

 0, 73.421, 304.180

58, 73.421,
304.180

58, 73.421,
304.180

51, 88.340,
305.310

65, 58.491,
303.083

45, 102.579,
306.369

73, 43.881,
302.071

39, 114.967,
307.186

80, 29.728,
301.166

35, 123.919,
307.547

88, 16.077,
300.369

33, 128.102,
307.497

95, 2.929, 299.667

100, 4.187,
109.847

Harmonies

Complementary

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



58, 73.421, 304.180



93, 64.597, 116.298

Rectangle

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



58, 73.421, 304.180



58, 73.421, 354.180



58, 73.421, 124.180



58, 73.421, 174.180

Sweetspot

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



58, 73.420, 304.180



88, 21.682, 300.656



82, 31.609, 228.386



45, 14.695, 300.819



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, 73.420, 304.180



52, 91.841, 305.404



65, 75.672, 318.940



47, 7.361, 300.165



24, 103.489, 307.629



4, 40.637, 305.166

Inverse Universe

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



68, 66.955, 335.742



65, 79.924, 336.682



89, 73.343, 133.972



48, 7.408, 332.558



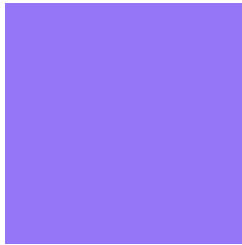
42, 75.866, 340.712



10, 34.515, 338.680

Previews

White Background



This preview shows how the CIELCh color 58, 73.421, 304.180 looks on a white background.

Color Contrast Check

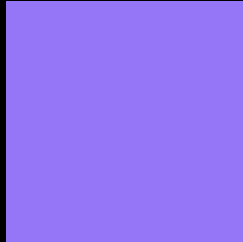
Large Text (above 18pt) WCAG AA ✓ Pass

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, 73.421, 304.180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

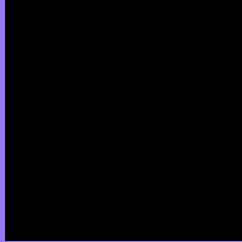
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 73.421, 304.180

Background



This preview shows how black text looks on a background with the CIELCh color 58, 73.421, 304.180.



This preview shows how white text looks on a background with the CIELCh color 58, 73.421, 304.180.

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, 8.000, 250.760

Trichromacy



Original Color
58, 73.421, 304.180

Protanomaly
58, 69.667, 292.693

Deuteranomaly
58, 63.230, 287.832

Tritanomaly
58, 30.257, 294.853

Monochromacy



Original Color
58, 73.421, 304.180

Achromatopsia
59, 0.008, 296.813

Achromatomaly
58, 27.131, 301.245

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 73.421, 304.180 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(149, 118, 247)` looks like.

```
.text, #text, p{  
    color:rgb(149, 118, 247)  
}
```

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(149, 118, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 118, 247) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 73.421, 304.180 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(149, 118, 247) }
```

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

```
.border{ border-color:rgb(149, 118, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 118, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 118, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 118, 247);  
box-shadow:4px 4px 4px 4px rgb(149, 118,  
247) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 73.421, 304.180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 118, 247) }
```

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

```
.background{ background-color: rgb(149,  
118, 247) }
```

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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