

Converting Colors

CIELCh(57, 70.796, 303.239)

Have a look what the booklet for
CIELCh(57, 70.796, 303.239)
contains.

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Color

CIELCh(57, 70.796, 303.239)

Conversions

Conversions Part 1

Format	Color
Hex	8F75F1
RGB	143, 117, 241
RGB Percent	56%, 46%, 95%
CMY	0.4391, 0.5411, 0.0548
CMYK	0.41, 0.51, 0.00, 0.05
HSL	253°, 82%, 70%
HSV	253°, 51%, 95%
XYZ	33.5778, 24.9227, 86.2810
YIQ	138.9100, -24.3080, 44.0760

Conversions

Conversions Part 2

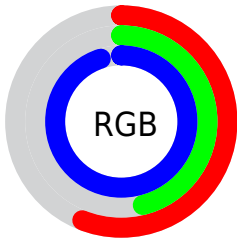
Format	Color
R _{YB}	143, 117, 241
Decimal	9401841
CIE _{Lab}	57.00, 38.81, -59.21
CIE _{LCh}	57, 70.796, 303.239
Yxy	24.9227, 0.2319, 0.1721
Android (android.graphics.Color)	4287591921 (0xFF8F75F1)
YUV	138.9100, 50.3304, 3.5869
Hunter-Lab	49.9226, 32.6939, -67.5247

Details

The CIELCh color $57, 70.796, 303.239$ is a light color, and the websafe version is hex $9966CC$. A complement of this color would be $91, 62.192, 115.001$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $75, 47.159, 306.278$, and $37, 70.660, 303.108$ is the 20% darker color. If you saturate the color by 10%, you get $50, 85.554, 304.478$, and if you desaturate by 10%, it is $64, 56.116, 302.057$.

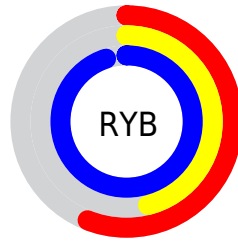
Distribution



Red (56%)

Green (46%)

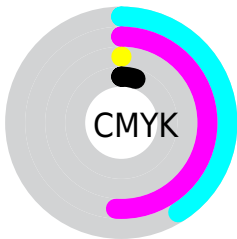
Blue (95%)



Red (56%)

Yellow (46%)

Blue (95%)

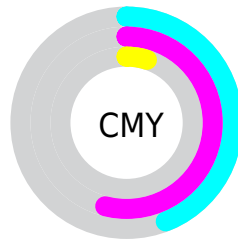


Cyan (41%)

Magenta (51%)

Yellow (0%)

Black (5%)



Cyan (44%)


Magenta (54%)


Yellow (5%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 70.796, 303.239 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, 70.796, 303.239 by changing the saturation by 10% instead.


 57, 70.796,
303.239


 57, 70.796,
303.239


 100, 70.796,
303.239

 47, 70.796,
303.239


 77, 70.796,
303.239

 37, 70.796,
303.239

 87, 70.796,
303.239

 27, 70.796,
303.239

 97, 70.796,
303.239

 17, 70.796,
303.239

 7, 70.796, 303.239

 0, 70.796, 303.239

57, 70.796,
303.239

57, 70.796,
303.239

50, 85.554,
304.478

64, 56.116,
302.057

44, 99.775,
305.671

72, 41.804,
300.979

38, 112.330,
306.646

79, 27.972,
300.023

34, 121.612,
307.174

87, 14.649,
299.187

32, 126.352,
307.229

94, 1.827, 298.455

100, 7.072,
109.638

Harmonies

Complementary

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



57, 70.796, 303.239



91, 62.192, 115.001

Rectangle

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



57, 70.796, 303.239



57, 70.796, 353.239



57, 70.796, 123.239



57, 70.796, 173.239

Sweetspot

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



57, 70.795, 303.240



88, 20.229, 299.474



81, 30.858, 223.166



45, 13.857, 299.650



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, 70.795, 303.240



52, 90.412, 304.570



63, 72.875, 317.876



46, 7.212, 299.035



23, 102.851, 307.346



3, 38.426, 303.623

Inverse Universe

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



67, 66.134, 334.392



66, 80.582, 335.231



88, 70.225, 133.093



47, 7.441, 331.440



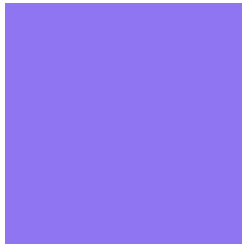
42, 76.774, 338.749



9, 34.250, 336.993

Previews

White Background



This preview shows how the CIELCh color 57, 70.796, 303.239 looks on a white background.

Color Contrast Check

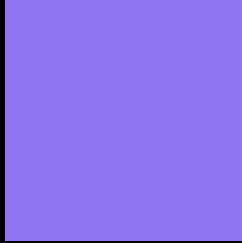
Large Text (above 18pt) WCAG AA ✓ Pass

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, 70.796, 303.239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

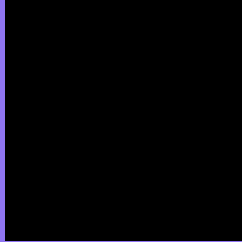
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 70.796, 303.239

Background



This preview shows how black text looks on a background with the CIELCh color 57, 70.796, 303.239.



This preview shows how white text looks on a background with the CIELCh color 57, 70.796, 303.239.

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, 8.967, 243.604

Trichromacy



Original Color
57, 70.796, 303.239

Protanomaly
57, 69.902, 292.158

Deuteranomaly
56, 61.769, 287.905

Tritanomaly
56, 29.753, 292.321

Monochromacy



Original Color
57, 70.796, 303.239

Achromatopsia
58, 0.007, 296.813

Achromatomaly
57, 25.987, 300.018

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 70.796, 303.239 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(143, 117, 241)` looks like.

```
.text, #text, p{  
    color:rgb(143, 117, 241)  
}
```

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(143, 117, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 117, 241) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 70.796, 303.239 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(143, 117, 241) }
```

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

```
.border{ border-color:rgb(143, 117, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 117, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(143, 117, 241); -webkit-box-shadow:4px 4px 4px 4px rgb(143, 117, 241); box-shadow:4px 4px 4px 4px rgb(143, 117, 241) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 70.796, 303.239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 117, 241) }
```

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

```
.background{ background-color: rgb(143,  
117, 241) }
```

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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