

Converting Colors

CIELCh(57, 73.005, 302.355)

Have a look what the booklet for
CIELCh(57, 73.005, 302.355)
contains.

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Color

CIELCh(57, 72.926, 302.327)

Conversions

Conversions Part 1

Format	Color
Hex	8B75F5
RGB	139, 117, 245
RGB Percent	55%, 46%, 96%
CMY	0.4536, 0.5400, 0.0379
CMYK	0.43, 0.52, 0.00, 0.04
HSL	250°, 87%, 71%
HSV	250°, 52%, 96%
XYZ	33.6324, 24.9227, 89.6957
YIQ	138.1700, -27.9760, 44.4720

Conversions

Conversions Part 2

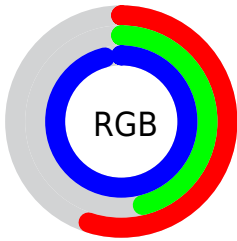
Format	Color
R _Y B	139, 117, 245
Decimal	9139701
CIE Lab	57.00, 39.00, -61.62
CIE LCh	57, 72.926, 302.327
Yxy	24.9227, 0.2269, 0.1681
Android (android.graphics.Color)	4287329781 (0xFF8B75F5)
YUV	138.1700, 52.6672, 0.7279
Hunter-Lab	49.9226, 32.8893, -71.5802

Details

The CIELCh color $57, 72.926, 302.327$ is a light color, and the websafe version is hex $9966FF$. A complement of this color would be $93, 63.587, 113.270$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $75, 46.941, 304.727$, and $37, 72.997, 302.261$ is the 20% darker color. If you saturate the color by 10%, you get $50, 88.004, 303.715$, and if you desaturate by 10%, it is $64, 57.951, 301.012$.

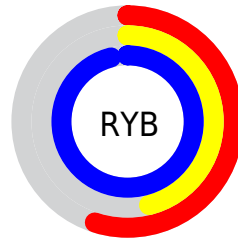
Distribution



Red (55%)

Green (46%)

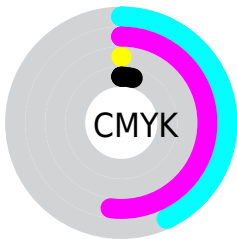
Blue (96%)



Red (55%)

Yellow (46%)

Blue (96%)

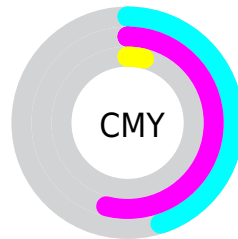


Cyan (43%)

Magenta (52%)

Yellow (0%)

Black (4%)



Cyan (45%)


Magenta (54%)


Yellow (4%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 72.926, 302.327 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, 72.926, 302.327 by changing the saturation by 10% instead.


 57, 72.926,
302.327

 57, 72.926,
302.327


 100, 72.926,
302.327

 47, 72.926,
302.327


 77, 72.926,
302.327

 37, 72.926,
302.327

 87, 72.926,
302.327

 27, 72.926,
302.327

 97, 72.926,
302.327

 17, 72.926,
302.327

 7, 72.926, 302.327

 0, 72.926, 302.327

■ 57, 72.926,
302.327

■ 57, 72.926,
302.327

■ 50, 88.004,
303.715

■ 64, 57.951,
301.012

■ 43, 102.524,
305.063

■ 72, 43.380,
299.822

■ 38, 115.246,
306.176

■ 80, 29.321,
298.773

■ 34, 124.418,
306.807

■ 87, 15.796,
297.861

■ 32, 128.622,
306.937

■ 95, 2.792, 297.074

■ 100, 4.887,
109.797

Harmonies

Complementary

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



57, 72.926, 302.327



93, 63.587, 113.270

Rectangle

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



57, 72.926, 302.327



57, 72.926, 352.327



57, 72.926, 122.327



57, 72.926, 172.327

Sweetspot

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



57, 72.925, 302.328



87, 21.552, 298.196



84, 32.034, 218.325



45, 14.610, 298.383



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, 72.925, 302.328



51, 92.061, 303.846



63, 74.683, 316.866



47, 7.314, 297.636



23, 104.390, 307.036



3, 40.423, 303.632

Inverse Universe

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



68, 69.656, 332.953



66, 83.612, 333.714



89, 71.471, 132.085



48, 7.775, 330.128



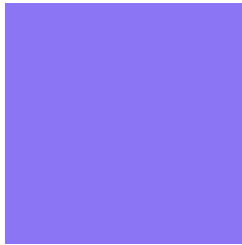
42, 79.766, 336.513



10, 36.087, 335.234

Previews

White Background



This preview shows how the CIELCh color 57, 72.926, 302.327 looks on a white background.

Color Contrast Check

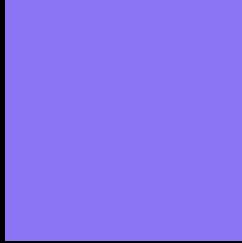
Large Text (above 18pt) WCAG AA ✓ Pass

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, 72.926, 302.327 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

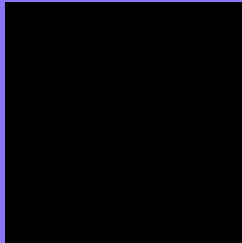
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 72.926, 302.327

Background



This preview shows how black text looks on a background with the CIELCh color 57, 72.926, 302.327.




This preview shows how white text looks on a background with the CIELCh color 57, 72.926, 302.327.

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, 10.800, 234.416

Trichromacy



Original Color
57, 72.926, 302.327



Protanomaly
57, 70.483, 291.954



Deuteranomaly
56, 64.694, 287.302



Tritanomaly
56, 30.913, 288.908

Monochromacy



Original Color
57, 72.926, 302.327



Achromatopsia
57, 0.007, 296.813



Achromatomaly
57, 27.110, 299.091

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 72.926, 302.327 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(139, 117, 245)` looks like.

```
.text, #text, p{  
    color:rgb(139, 117, 245)  
}
```

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(139, 117, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 117, 245) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 72.926, 302.327 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(139, 117, 245) }
```

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

```
.border{ border-color:rgb(139, 117, 245) }
```

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

Here you see how a box with a 4 pixel rgb(139, 117, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 117, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 117, 245);  
box-shadow:4px 4px 4px 4px rgb(139, 117,  
245) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 72.926, 302.327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 117, 245) }
```

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

```
.background{ background-color: rgb(139,  
117, 245) }
```

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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