

Converting Colors

CIELCh(57, 79.557, 303.438)

Have a look what the booklet for
CIELCh(57, 79.557, 303.438)
contains.

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Color

CIELCh(57, 79.555, 303.458)

Conversions

Conversions Part 1

Format	Color
Hex	8E72FE
RGB	142, 114, 254
RGB Percent	56%, 45%, 100%
CMY	0.4433, 0.5531, 0.0041
CMYK	0.44, 0.55, 0.00, 0.00
HSL	252°, 99%, 72%
HSV	252°, 55%, 100%
XYZ	35.0392, 24.9227, 96.6854
YIQ	138.3320, -28.2520, 49.4760

Conversions

Conversions Part 2

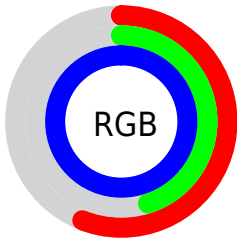
Format	Color
R _Y B	142, 114, 254
Decimal	9335550
CIE Lab	57.00, 43.86, -66.37
CIE LCh	57, 79.555, 303.458
Yxy	24.9227, 0.2237, 0.1591
Android (android.graphics.Color)	4287525630 (0xFF8E72FE)
YUV	138.3320, 57.0243, 3.2168
Hunter-Lab	49.9226, 37.9191, -79.8814

Details

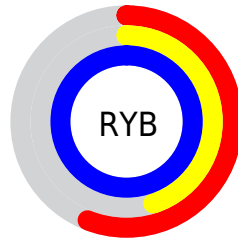
The CIELCh color **57, 79.555, 303.458** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **95, 68.901, 114.368**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 49.019, 307.074**, and **37, 79.196, 303.375** is the 20% darker color. If you saturate the color by 10%, you get **50, 94.875, 304.738**, and if you desaturate by 10%, it is **65, 64.138, 302.210**.

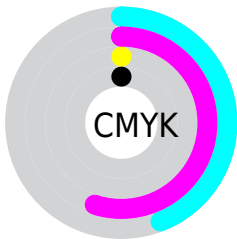
Distribution



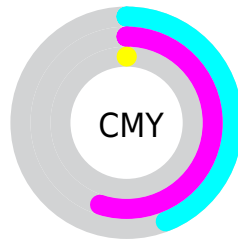
- Red (56%)
- Green (45%)
- Blue (100%)



- Red (56%)
- Yellow (45%)
- Blue (100%)



- Cyan (44%)
- Magenta (55%)
- Yellow (0%)
- Black (0%)



- Cyan (44%)
- Magenta (55%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 79.555, 303.458 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, 79.555, 303.458 by changing the saturation by 10% instead.

 57, 79.555,
303.458

 57, 79.555,
303.458

 100, 79.555,
303.458

 47, 79.555,
303.458

 77, 79.555,
303.458

 37, 79.555,
303.458

 87, 79.555,
303.458

 27, 79.555,
303.458

 97, 79.555,
303.458

 17, 79.555,
303.458

 7, 79.555, 303.458

 0, 79.555, 303.458

57, 79.555,
303.458

57, 79.555,
303.458

50, 94.875,
304.738

65, 64.138,
302.210

44, 109.263,
305.916

72, 49.033,
301.058

38, 121.290,
306.788

80, 34.409,
300.031

35, 129.204,
307.121

88, 20.319,
299.130

34, 131.639,
307.131

96, 6.761, 298.348

100, 0.522,
109.991

Harmonies

Complementary

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



57, 79.555, 303.458



95, 68.901, 114.368

Rectangle

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



57, 79.555, 303.458



57, 79.555, 353.458



57, 79.555, 123.458



57, 79.555, 173.458

Sweetspot

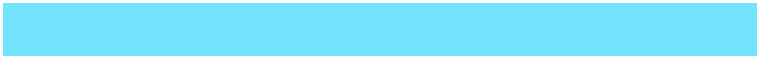
The Sweet Spot groups the original color and five complimentary colors.



57, 79.554, 303.459



87, 22.995, 299.290



85, 33.943, 221.196



44, 15.440, 299.465



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, 79.554, 303.459



50, 96.509, 304.849



64, 81.003, 317.478



49, 7.582, 298.677



24, 106.185, 307.242



4, 44.558, 305.547

Inverse Universe

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



68, 73.635, 334.281



64, 84.837, 335.127



91, 77.633, 132.425



50, 7.883, 331.096



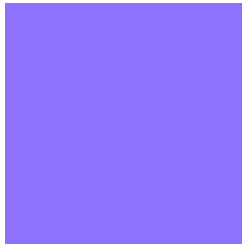
43, 79.681, 338.184



11, 37.325, 336.751

Previews

White Background



This preview shows how the CIELCh color 57, 79.555, 303.458 looks on a white background.

Color Contrast Check

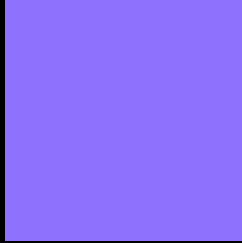
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIE LCh color 57, 79.555, 303.458 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

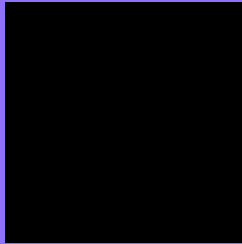
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 79.555, 303.458

Background



This preview shows how black text looks on a background with the CIELCh color 57, 79.555, 303.458.




This preview shows how white text looks on a background with the CIELCh color 57, 79.555, 303.458.

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, 10.845, 238.145

Trichromacy



Original Color
57, 79.555, 303.458



Protanomaly
57, 73.241, 292.855



Deuteranomaly
56, 68.509, 285.172



Tritanomaly
56, 33.181, 290.646

Monochromacy



Original Color
57, 79.555, 303.458



Achromatopsia
57, 0.007, 296.813



Achromatomaly
57, 29.478, 300.154

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 79.555, 303.458 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(142, 114, 254)` looks like.

```
.text, #text, p{  
    color:rgb(142, 114, 254)  
}
```

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(142, 114, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 114, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 79.555, 303.458 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(142, 114, 254) }
```

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

```
.border{ border-color:rgb(142, 114, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 114, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 114, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 114, 254);  
box-shadow:4px 4px 4px 4px rgb(142, 114,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 79.555, 303.458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 114, 254) }
```

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

```
.background{ background-color: rgb(142,  
114, 254) }
```

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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