

Converting Colors

CIELCh(55, 75.385, 304.202)

Have a look what the booklet for
CIELCh(55, 75.385, 304.202)
contains.

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Color

CIELCh(55, 75.709, 304.313)

Conversions

Conversions Part 1

Format	Color
Hex	8C6DF1
RGB	140, 109, 241
RGB Percent	55%, 43%, 95%
CMY	0.4502, 0.5719, 0.0541
CMYK	0.42, 0.55, 0.00, 0.05
HSL	254°, 83%, 69%
HSV	254°, 55%, 95%
XYZ	32.2427, 22.9298, 86.1020
YIQ	133.3170, -23.8960, 47.6240

Conversions

Conversions Part 2

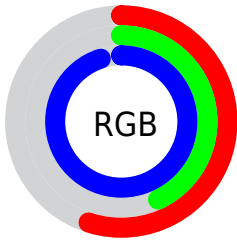
Format	Color
R _Y B	140, 109, 241
Decimal	9203185
CIE _{Lab}	55.00, 42.68, -62.53
CIE _{LCh}	55, 75.709, 304.313
Y _{xy}	22.9298, 0.2282, 0.1623
Android (android.graphics.Color)	4287393265 (0xFF8C6DF1)
Y _{UV}	133.3170, 53.0877, 5.8610
Hunter-Lab	47.8851, 36.3913, -73.0895

Details

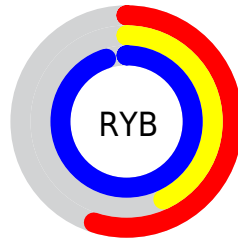
The CIELCh color **55, 75.709, 304.313** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **91, 66.047, 115.958**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 52.568, 307.475**, and **35, 75.685, 304.379** is the 20% darker color. If you saturate the color by 10%, you get **48, 90.293, 305.456**, and if you desaturate by 10%, it is **62, 61.003, 303.187**.

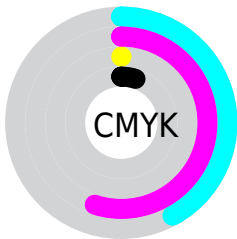
Distribution



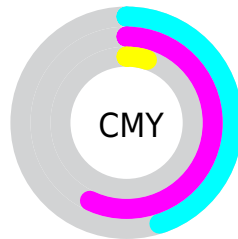
- Red (55%)
- Green (43%)
- Blue (95%)



- Red (55%)
- Yellow (43%)
- Blue (95%)



- Cyan (42%)
- Magenta (55%)
- Yellow (0%)
- Black (5%)





- Cyan (45%)
- Magenta (57%)
- Yellow (5%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 75.709, 304.313 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 55, 75.709, 304.313 by changing the saturation by 10% instead.


 55, 75.709,
304.313


 55, 75.709,
304.313


 100, 75.709,
304.313


 45, 75.709,
304.313


 75, 75.709,
304.313

 35, 75.709,
304.313


 85, 75.709,
304.313

 25, 75.709,
304.313

 95, 75.709,
304.313

 15, 75.709,
304.313

 5, 75.709, 304.313

 0, 75.709, 304.313

55, 75.709,
304.313

55, 75.709,
304.313

48, 90.293,
305.456

62, 61.003,
303.187

42, 103.994,
306.494

69, 46.562,
302.140

37, 115.532,
307.243

77, 32.552,
301.198

34, 123.332,
307.487

84, 19.032,
300.367

32, 126.002,
307.456

92, 6.010, 299.640

99, 6.531, 119.023

100, 6.985,
109.644

Harmonies

Complementary

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



55, 75.709, 304.313



91, 66.047, 115.958

Rectangle

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



55, 75.709, 304.313



55, 75.709, 354.313



55, 75.709, 124.313



55, 75.709, 174.313

Sweetspot

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



55, 75.708, 304.314



88, 21.670, 300.470



80, 32.092, 228.831



45, 14.687, 300.635



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



55, 75.708, 304.314



50, 96.348, 305.618



62, 77.557, 319.011



46, 7.231, 299.972



24, 102.498, 307.584



3, 38.520, 304.253

Inverse Universe

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



65, 68.621, 335.718



64, 82.896, 336.717



87, 75.107, 133.838



47, 7.308, 332.364



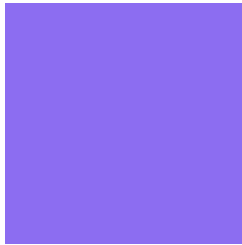
41, 75.381, 340.358



9, 33.698, 338.295

Previews

White Background



This preview shows how the CIELCh color 55, 75.709, 304.313 looks on a white background.

Color Contrast Check

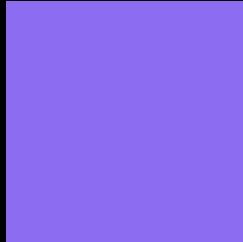
Large Text (above 18pt) WCAG AA ✓ Pass

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 55, 75.709, 304.313 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

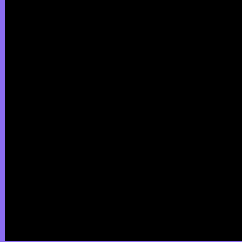
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 75.709, 304.313

Background



This preview shows how black text looks on a background with the CIELCh color 55, 75.709, 304.313.



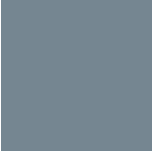
This preview shows how white text looks on a background with the CIELCh color 55, 75.709, 304.313.

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
55, 8.766, 245.324

Trichromacy



Original Color
55, 75.709, 304.313



Protanomaly
55, 73.780, 292.352



Deuteranomaly
54, 65.242, 286.666



Tritanomaly
54, 31.709, 293.906

Monochromacy



Original Color
55, 75.709, 304.313



Achromatopsia
56, 0.007, 296.813



Achromatomaly
55, 27.981, 301.217

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 75.709, 304.313 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(140, 109, 241)` looks like.

```
.text, #text, p{  
    color:rgb(140, 109, 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(140, 109, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 109, 241) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 75.709, 304.313 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(140, 109, 241) }
```

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

```
.border{ border-color:rgb(140, 109, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 109, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 109, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 109, 241);  
box-shadow:4px 4px 4px 4px rgb(140, 109,  
241) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 75.709, 304.313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 109, 241) }
```

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

```
.background{ background-color: rgb(140,  
109, 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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