

Converting Colors

CIELCh(55, 53.699, 304.606)

Have a look what the booklet for
CIELCh(55, 53.699, 304.606)
contains.

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Color

CIELCh(55, 54.098, 304.795)

Conversions

Conversions Part 1

Format	Color
Hex	8F74D1
RGB	143, 116, 209
RGB Percent	56%, 45%, 82%
CMY	0.4392, 0.5451, 0.1804
CMYK	0.32, 0.44, 0.00, 0.18
HSL	257°, 50%, 64%
HSV	257°, 44%, 82%
XYZ	29.0771, 22.9298, 63.2067
YIQ	134.6750, -13.7610, 34.6470

Conversions

Conversions Part 2

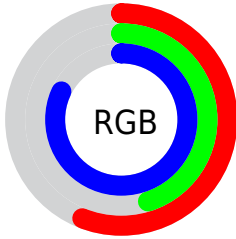
Format	Color
RYB	143, 116, 209
Decimal	9401553
CIELab	55.00, 30.87, -44.43
CIELCh	55, 54.098, 304.795
Yxy	22.9298, 0.2524, 0.1990
Android (android.graphics.Color)	4287591633 (0xFF8F74D1)
YUV	134.6750, 36.6422, 7.3010
Hunter-Lab	47.8851, 24.5909, -44.7411

Details

The CIELCh color **55, 54.098, 304.795** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **80, 49.099, 118.858**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 48.283, 306.060**, and **35, 54.247, 304.799** is the 20% darker color. If you saturate the color by 10%, you get **49, 67.078, 305.747**, and if you desaturate by 10%, it is **61, 41.292, 303.895**.

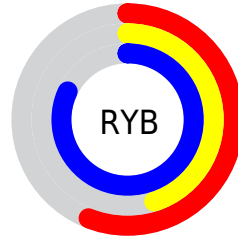
Distribution



Red (56%)

Green (45%)

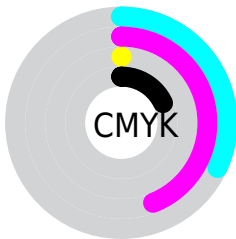
Blue (82%)



Red (56%)

Yellow (45%)

Blue (82%)

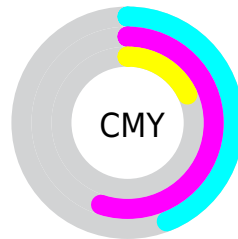


Cyan (32%)

Magenta (44%)

Yellow (0%)

Black (18%)



Cyan (44%)


Magenta (55%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 54.098, 304.795 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, 54.098, 304.795 by changing the saturation by 10% instead.


 55, 54.098,
304.795


 55, 54.098,
304.795


 100, 54.098,
304.795


 45, 54.098,
304.795


 75, 54.098,
304.795

 35, 54.098,
304.795

 85, 54.098,
304.795

 25, 54.098,
304.795

 95, 54.098,
304.795

 15, 54.098,
304.795

 5, 54.098, 304.795

 0, 54.098, 304.795

55, 54.098,
304.795

55, 54.098,
304.795

49, 67.078,
305.747

61, 41.292,
303.895

43, 79.898,
306.692

68, 28.825,
303.074

37, 91.921,
307.526

74, 16.760,
302.342

33, 102.127,
308.091

81, 5.113, 301.691

87, 6.120, 121.147

30, 109.260,
308.199

94, 16.958,
120.655

28, 112.054,
308.130

98, 23.467,
115.853

99, 23.236,
108.416

Harmonies

Complementary

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



55, 54.098, 304.795



80, 49.099, 118.858

Rectangle

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



55, 54.098, 304.795



55, 54.098, 354.795



55, 54.098, 124.795



55, 54.098, 174.795

Sweetspot

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



55, 54.097, 304.795



90, 17.619, 302.249



71, 24.479, 234.445



46, 12.378, 302.403



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, 54.097, 304.795



60, 76.596, 305.661



60, 57.137, 320.213



41, 6.504, 302.002



22, 95.206, 308.264



2, 25.951, 300.565

Inverse Universe

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



61, 48.994, 337.243



69, 67.328, 338.075



77, 55.975, 135.832



41, 6.278, 334.501



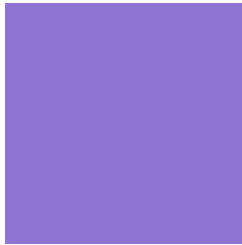
37, 68.132, 344.034



5, 24.879, 340.376

Previews

White Background



This preview shows how the CIELCh color 55, 54.098, 304.795 looks on a white background.

Color Contrast Check

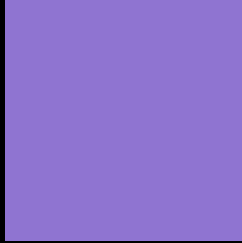
Large Text (above 18pt) WCAG AA ✓ Pass

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, 54.098, 304.795 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

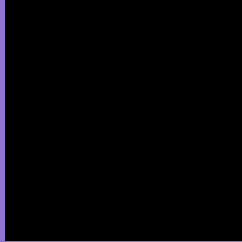
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 54.098, 304.795

Background



This preview shows how black text looks on a background with the CIELCh color 55, 54.098, 304.795.



This preview shows how white text looks on a background with the CIELCh color 55, 54.098, 304.795.

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



Original Color
55, 54.098, 304.795

Protanopia
55, 52.979, 286.087

Deuteranopia
55, 43.189, 280.393



Tritanopia
55, 6.357, 284.076

Trichromacy



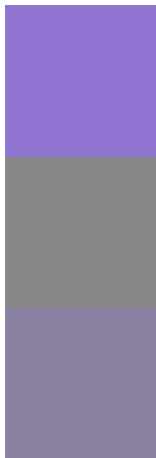
Original Color
55, 54.098, 304.795

Protanomaly
55, 53.328, 292.365

Deuteranomaly
55, 46.528, 290.196

Tritanomaly
55, 23.281, 299.871

Monochromacy



Original Color
55, 54.098, 304.795

Achromatopsia
56, 0.007, 296.813

Achromatomaly
56, 19.941, 302.912

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 54.098, 304.795 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, 116, 209)` looks like.

```
.text, #text, p{  
    color:rgb(143, 116, 209)  
}
```

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, 116, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 116, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 54.098, 304.795 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, 116, 209) }
```

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

```
.border{ border-color:rgb(143, 116, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 116, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 116, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 116, 209);  
box-shadow:4px 4px 4px 4px rgb(143, 116,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 54.098, 304.795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 116, 209) }
```

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

```
.background{ background-color: rgb(143,  
116, 209) }
```

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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