

Converting Colors

CIELCh(55, 54.743, 304.818)

Have a look what the booklet for
CIELCh(55, 54.743, 304.818)
contains.

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Color

CIELCh(55, 54.644, 304.727)

Conversions

Conversions Part 1

Format	Color
Hex	8F74D2
RGB	143, 116, 210
RGB Percent	56%, 45%, 82%
CMY	0.4398, 0.5456, 0.1771
CMYK	0.32, 0.45, 0.00, 0.18
HSL	257°, 51%, 64%
HSV	257°, 45%, 82%
XYZ	29.1440, 22.9298, 63.7599
YIQ	134.7890, -14.0820, 34.9580

Conversions

Conversions Part 2

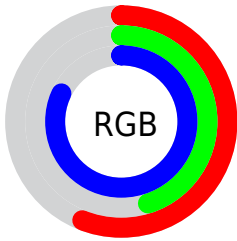
Format	Color
RYB	143, 116, 210
Decimal	9401554
CIELab	55.00, 31.13, -44.91
CIELCh	55, 54.644, 304.727
Yxy	22.9298, 0.2516, 0.1980
Android (android.graphics.Color)	4287591634 (0xFF8F74D2)
YUV	134.7890, 37.0790, 7.2010
Hunter-Lab	47.8851, 24.8404, -45.4261

Details

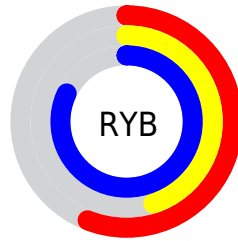
The CIELCh color $55, 54.644, 304.727$ is a light color, and the websafe version is hex $9966CC$. A complement of this color would be $80, 49.534, 118.711$, and the grayscale version is $56, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 48.283, 306.060$, and $35, 54.823, 304.754$ is the 20% darker color. If you saturate the color by 10%, you get $49, 67.675, 305.689$, and if you desaturate by 10%, it is $61, 41.786, 303.818$.

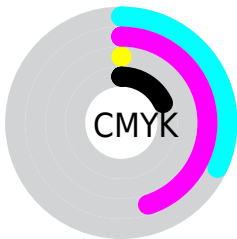
Distribution



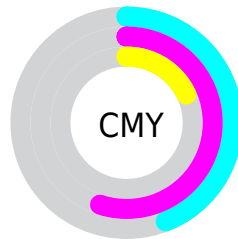
- Red (56%)
- Green (45%)
- Blue (82%)



- Red (56%)
- Yellow (45%)
- Blue (82%)



- Cyan (32%)
- Magenta (45%)
- Yellow (0%)
- Black (18%)





- Cyan (44%)
- Magenta (55%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 54.644, 304.727 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, 54.644, 304.727 by changing the saturation by 10% instead.


 55, 54.644,
304.727


 55, 54.644,
304.727


 100, 54.644,
304.727


 45, 54.644,
304.727


 75, 54.644,
304.727

 35, 54.644,
304.727

 85, 54.644,
304.727

 25, 54.644,
304.727

 95, 54.644,
304.727

 15, 54.644,
304.727

 5, 54.644, 304.727

 0, 54.644, 304.727

55, 54.644,
304.727

55, 54.644,
304.727

49, 67.675,
305.689

61, 41.786,
303.818

43, 80.535,
306.643

68, 29.267,
302.988

37, 92.576,
307.483

74, 17.152,
302.248

33, 102.758,
308.048

81, 5.459, 301.592

88, 5.819, 121.041

30, 109.814,
308.149

94, 16.698,
120.545

28, 112.459,
308.089

98, 23.003,
115.336

99, 22.807,
108.449

Harmonies

Complementary

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



55, 54.644, 304.727



80, 49.534, 118.711

Rectangle

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



55, 54.644, 304.727



55, 54.644, 354.727



55, 54.644, 124.727



55, 54.644, 174.727

Sweetspot

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



55, 54.643, 304.727



90, 17.612, 302.135



71, 24.690, 234.500



46, 12.373, 302.289



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, 54.643, 304.727



59, 78.118, 305.671



60, 57.686, 320.225



41, 6.501, 301.886



22, 95.256, 308.225



2, 25.944, 300.479

Inverse Universe

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



61, 49.556, 337.128



69, 68.553, 338.023



78, 56.508, 135.812



41, 6.292, 334.374



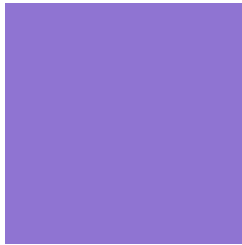
37, 68.272, 343.808



5, 24.937, 340.197

Previews

White Background



This preview shows how the CIELCh color 55, 54.644, 304.727 looks on a white background.

Color Contrast Check

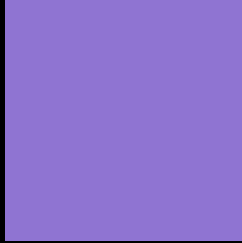
Large Text (above 18pt) WCAG AA ✓ Pass

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, 54.644, 304.727 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

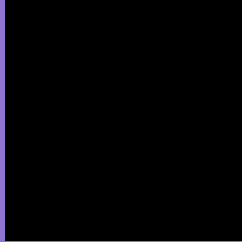
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 54.644, 304.727

Background



This preview shows how black text looks on a background with the CIELCh color 55, 54.644, 304.727.



This preview shows how white text looks on a background with the CIELCh color 55, 54.644, 304.727.

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, 54.644, 304.727

Protanopia

55, 53.526, 286.284

Deuteranopia

55, 43.236, 280.095



Tritanopia
55, 6.357, 284.076

Trichromacy



Original Color
55, 54.644, 304.727

Protanomaly
55, 53.885, 292.472

Deuteranomaly
55, 46.548, 289.868

Tritanomaly
55, 24.494, 300.464

Monochromacy



Original Color
55, 54.644, 304.727

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, 54.644, 304.727 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, 210)` looks like.

```
.text, #text, p{  
    color:rgb(143, 116, 210)  
}
```

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, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 116, 210) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 54.644, 304.727 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, 210) }
```

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

```
.border{ border-color:rgb(143, 116, 210) }
```

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, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(143, 116, 210); -webkit-box-shadow:4px 4px 4px 4px rgb(143, 116, 210); box-shadow:4px 4px 4px 4px rgb(143, 116, 210) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 54.644, 304.727 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, 210) }
```

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

```
.background{ background-color: rgb(143,  
116, 210) }
```

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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