

Converting Colors

CIELCh(55, 82.903, 308.192)

Have a look what the booklet for
CIELCh(55, 82.903, 308.192)
contains.

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Color

CIELCh(55, 83.144, 308.244)

Conversions

Conversions Part 1

Format	Color
Hex	9A65F6
RGB	154, 101, 246
RGB Percent	60%, 40%, 96%
CMY	0.3949, 0.6029, 0.0341
CMYK	0.37, 0.59, 0.00, 0.03
HSL	262°, 89%, 68%
HSV	262°, 59%, 97%
XYZ	34.7426, 22.9298, 90.0238
YIQ	133.3770, -14.9570, 56.3310

Conversions

Conversions Part 2

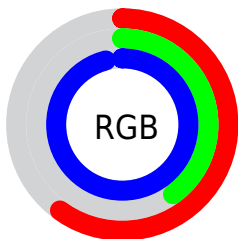
Format	Color
RYB	154, 101, 246
Decimal	10118646
CIELab	55.00, 51.47, -65.30
CIELCh	55, 83.144, 308.244
Yxy	22.9298, 0.2352, 0.1553
Android (android.graphics.Color)	4288308726 (0xFF9A65F6)
YUV	133.3770, 55.5231, 18.0864
Hunter-Lab	47.8851, 45.7101, -77.9453

Details

The CIELCh color **55, 83.144, 308.244** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **91, 73.542, 121.354**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 57.965, 313.766**, and **35, 83.482, 308.314** is the 20% darker color. If you saturate the color by 10%, you get **49, 97.058, 308.922**, and if you desaturate by 10%, it is **62, 68.572, 307.484**.

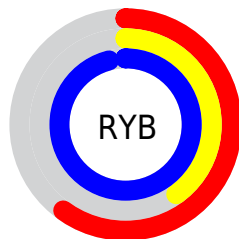
Distribution



Red (60%)

Green (40%)

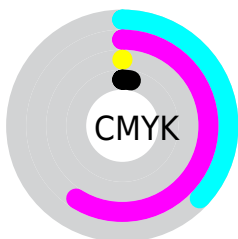
Blue (96%)



Red (60%)

Yellow (40%)

Blue (96%)

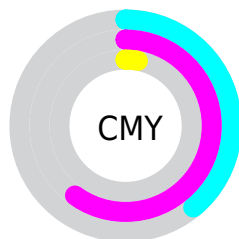


Cyan (37%)

Magenta (59%)

Yellow (0%)

Black (3%)



Cyan (39%)

Magenta (60%)

Yellow (3%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 83.144, 308.244 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, 83.144, 308.244 by changing the saturation by 10% instead.


 55, 83.144,
308.244

 55, 83.144,
308.244

 100, 83.144,
308.244


 45, 83.144,
308.244


 75, 83.144,
308.244

 35, 83.144,
308.244

 85, 83.144,
308.244

 25, 83.144,
308.244

 95, 83.144,
308.244

 15, 83.144,
308.244

 5, 83.144, 308.244

 0, 83.144, 308.244

55, 83.144,
308.244

55, 83.144,
308.244

49, 97.058,
308.922

62, 68.572,
307.484

43, 109.393,
309.394

69, 53.910,
306.717

39, 118.907,
309.502

76, 39.465,
305.988

36, 124.706,
309.145

83, 25.390,
305.318

36, 125.250,
309.102

91, 11.750,
304.714

98, 1.436, 124.248

100, 4.401,
109.832

Harmonies

Complementary

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



55, 83.144, 308.244



91, 73.542, 121.354

Rectangle

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



55, 83.144, 308.244



55, 83.144, 358.244



55, 83.144, 128.244



55, 83.144, 178.244

Sweetspot

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



55, 83.143, 308.244



87, 24.856, 305.264



75, 36.098, 248.070



44, 17.355, 305.451



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, 83.143, 308.244



49, 102.671, 309.051



63, 85.139, 322.751



47, 7.486, 304.748



26, 101.292, 309.277



4, 41.075, 308.468

Inverse Universe

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



64, 68.188, 342.532



61, 80.116, 344.280



88, 84.257, 136.409



48, 6.774, 337.730



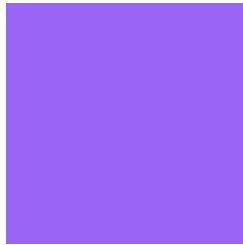
41, 70.131, 350.023



9, 32.047, 346.196

Previews

White Background



This preview shows how the CIELCh color 55, 83.144, 308.244 looks on a white background.

Color Contrast Check

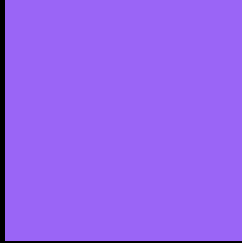
Large Text (above 18pt) WCAG AA ✓ Pass

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, 83.144, 308.244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

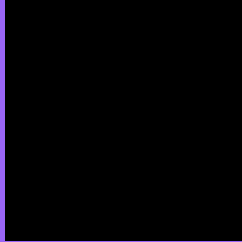
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 83.144, 308.244

Background



This preview shows how black text looks on a background with the CIELCh color 55, 83.144, 308.244.

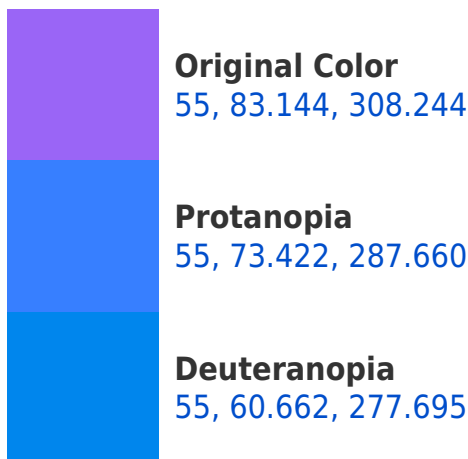



This preview shows how white text looks on a background with the CIELCh color 55, 83.144, 308.244.

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, 6.389, 297.841

Trichromacy



Original Color
55, 83.144, 308.244



Protanomaly
54, 76.616, 294.138



Deuteranomaly
53, 68.326, 287.007



Tritanomaly
54, 34.831, 305.346

Monochromacy



Original Color
55, 83.144, 308.244



Achromatopsia
56, 0.007, 296.813



Achromatomaly
55, 31.354, 305.799

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 83.144, 308.244 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(154, 101, 246)` looks like.

```
.text, #text, p{  
    color:rgb(154, 101, 246)  
}
```

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(154, 101, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 101, 246) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 83.144, 308.244 is called "border". The border property can be set on classes, ids or directly on the HTML element.

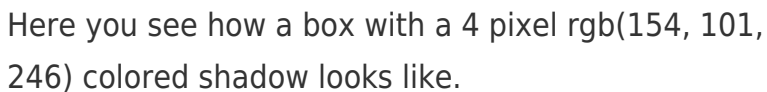
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(154, 101, 246) }
```

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

```
.border{ border-color:rgb(154, 101, 246) }
```

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



Here you see how a box with a 4 pixel `rgb(154, 101, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 101, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 101, 246);  
box-shadow:4px 4px 4px 4px rgb(154, 101,  
246) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 83.144, 308.244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 101, 246) }
```

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

```
.background{ background-color: rgb(154,  
101, 246) }
```

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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