

Converting Colors

CIELCh(55, 91.319, 309.874)

Have a look what the booklet for
CIELCh(55, 91.319, 309.874)
contains.

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Color

CIELCh(55, 91.096, 309.784)

Conversions

Conversions Part 1

Format	Color
Hex	A15FFF
RGB	161, 95, 255
RGB Percent	63%, 37%, 100%
CMY	0.3692, 0.6280, 0.0006
CMYK	0.37, 0.63, 0.00, 0.00
HSL	265°, 100%, 69%
HSV	265°, 63%, 100%
XYZ	36.7706, 22.9298, 96.9627
YIQ	132.9740, -12.0240, 63.7520

Conversions

Conversions Part 2

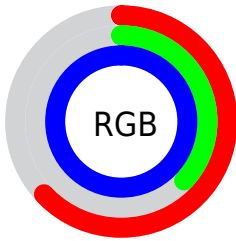
Format	Color
R _Y B	161, 95, 255
Decimal	10575871
CIE Lab	55.00, 58.29, -70.00
CIE LCh	55, 91.096, 309.784
Yxy	22.9298, 0.2347, 0.1464
Android (android.graphics.Color)	4288765951 (0xFFA15FFF)
YUV	132.9740, 60.1588, 24.5788
Hunter-Lab	47.8851, 53.2696, -86.5369

Details

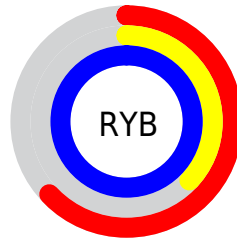
The CIELCh color **55, 91.096, 309.784** is a light color, and the websafe version is hex **9966FF**. The color can be described as light muted purple. A complement of this color would be **93, 80.757, 123.122**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 61.731, 316.866**, and **35, 91.075, 309.828** is the 20% darker color. If you saturate the color by 10%, you get **49, 104.578, 310.268**, and if you desaturate by 10%, it is **62, 76.497, 309.160**.

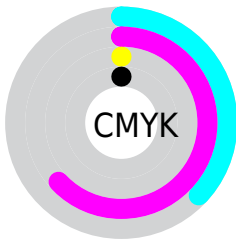
Distribution



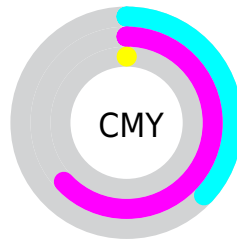
- Red (63%)
- Green (37%)
- Blue (100%)



- Red (63%)
- Yellow (37%)
- Blue (100%)



- Cyan (37%)
- Magenta (63%)
- Yellow (0%)
- Black (0%)





- Cyan (37%)
- Magenta (63%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 91.096, 309.784 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, 91.096, 309.784 by changing the saturation by 10% instead.


 55, 91.096,
309.784


 55, 91.096,
309.784


 100, 91.096,
309.784


 45, 91.096,
309.784


 75, 91.096,
309.784

 35, 91.096,
309.784

 85, 91.096,
309.784

 25, 91.096,
309.784

 95, 91.096,
309.784

 15, 91.096,
309.784

 5, 91.096, 309.784

 0, 91.096, 309.784

55, 91.096,
309.784

55, 91.096,
309.784

49, 104.578,
310.268

62, 76.497,
309.160

44, 115.884,
310.482

69, 61.509,
308.485

40, 123.812,
310.279

76, 46.562,
307.815

38, 127.357,
309.881

83, 31.891,
307.183

90, 17.612,
306.601

98, 3.773, 306.059

100, 0.068,
109.038

Harmonies

Complementary

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



55, 91.096, 309.784



93, 80.757, 123.122

Rectangle

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



55, 91.096, 309.784



55, 91.096, 359.784



55, 91.096, 129.784



55, 91.096, 179.784

Sweetspot

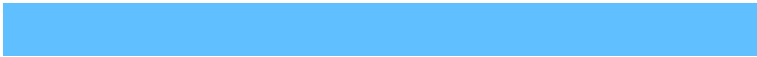
The Sweet Spot groups the original color and five complimentary colors.



55, 91.095, 309.784



86, 26.463, 306.957



74, 41.066, 256.640



44, 18.293, 307.127



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, 91.095, 309.784



48, 107.376, 310.344



65, 92.612, 324.415



49, 7.801, 306.423



28, 102.413, 310.067



5, 44.906, 310.517

Inverse Universe

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



64, 71.692, 345.777



60, 80.573, 347.958



90, 92.575, 137.112



50, 6.778, 339.915



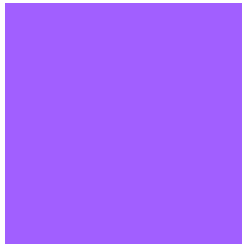
42, 69.987, 354.065



11, 32.956, 349.848

Previews

White Background



This preview shows how the CIELCh color 55, 91.096, 309.784 looks on a white background.

Color Contrast Check

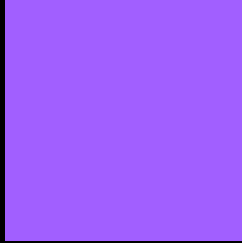
Large Text (above 18pt) WCAG AA ✓ Pass

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, 91.096, 309.784 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

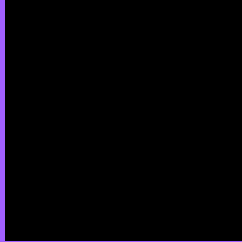
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 91.096, 309.784

Background



This preview shows how black text looks on a background with the CIELCh color 55, 91.096, 309.784.

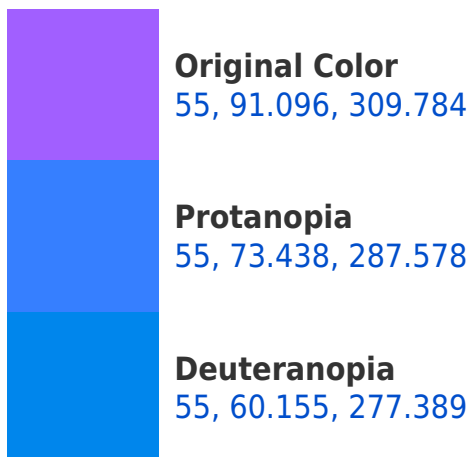


This preview shows how white text looks on a background with the CIELCh color 55, 91.096, 309.784.

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, 6.397, 316.001

Trichromacy



Original Color
55, 91.096, 309.784



Protanomaly
54, 80.055, 295.496



Deuteranomaly
53, 71.112, 288.483



Tritanomaly
54, 38.249, 308.757

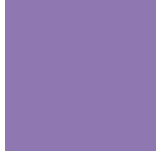
Monochromacy



Original Color
55, 91.096, 309.784



Achromatopsia
56, 0.007, 296.813



Achromatomaly
54, 34.590, 307.811

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 91.096, 309.784 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(161, 95, 255)` looks like.

```
.text, #text, p{  
    color:rgb(161, 95, 255)  
}
```

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(161, 95, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 95, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 91.096, 309.784 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(161, 95, 255) }
```

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

```
.border{ border-color:rgb(161, 95, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 95, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 95, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 95, 255);  
box-shadow:4px 4px 4px 4px rgb(161, 95,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 91.096, 309.784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 95, 255) }
```

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

```
.background{ background-color: rgb(161, 95,  
255) }
```

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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