

Converting Colors

CIELCh(54, 55.785, 317.019)

Have a look what the booklet for
CIELCh(54, 55.785, 317.019)
contains.

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Color

CIELCh(54, 55.709, 317.103)

Conversions

Conversions Part 1

Format	Color
Hex	A668C3
RGB	166, 104, 195
RGB Percent	65%, 41%, 76%
CMY	0.3487, 0.5919, 0.2350
CMYK	0.15, 0.47, 0.00, 0.23
HSL	281°, 43%, 59%
HSV	281°, 47%, 77%
XYZ	30.5594, 21.9746, 54.3075
YIQ	132.9120, 7.7410, 41.4450

Conversions

Conversions Part 2

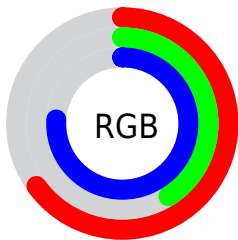
Format	Color
RYB	166, 104, 195
Decimal	10905795
CIELab	54.00, 40.81, -37.92
CIELCh	54, 55.709, 317.103
Yxy	21.9746, 0.2860, 0.2057
Android (android.graphics.Color)	4289095875 (0xFFA668C3)
YUV	132.9120, 30.6094, 29.0182
Hunter-Lab	46.8770, 34.3303, -35.8742

Details

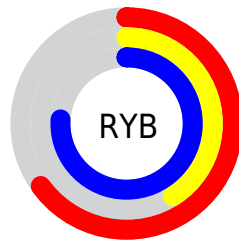
The CIELCh color **54, 55.709, 317.103** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **73, 53.690, 132.837**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 55.582, 317.194**, and **34, 55.784, 317.076** is the 20% darker color. If you saturate the color by 10%, you get **49, 67.133, 317.435**, and if you desaturate by 10%, it is **59, 43.775, 316.703**.

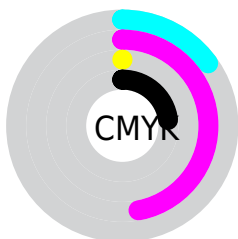
Distribution



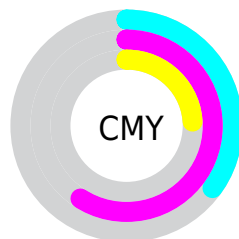
- Red (65%)
- Green (41%)
- Blue (76%)



- Red (65%)
- Yellow (41%)
- Blue (76%)



- Cyan (15%)
- Magenta (47%)
- Yellow (0%)
- Black (23%)





- Cyan (35%)
- Magenta (59%)
- Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 55.709, 317.103 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 54, 55.709, 317.103 by changing the saturation by 10% instead.


 54, 55.709,
317.103


 54, 55.709,
317.103


 100, 55.709,
317.103


 44, 55.709,
317.103


 74, 55.709,
317.103

 34, 55.709,
317.103

 84, 55.709,
317.103

 24, 55.709,
317.103

 94, 55.709,
317.103

 14, 55.709,
317.103

 4, 55.709, 317.103

 0, 55.709, 317.103

■ 54, 55.709,
317.103

■ 54, 55.709,
317.103

■ 49, 67.133,
317.435

■ 59, 43.775,
316.703

■ 45, 77.577,
317.648

■ 64, 31.672,
316.271

■ 41, 86.438,
317.681

■ 70, 19.620,
315.831

■ 38, 93.091,
317.462

■ 75, 7.755, 315.391

■ 36, 97.160,
316.942

■ 81, 3.845, 135.054

■ 36, 98.253,
316.745

■ 86, 15.139,
134.643

■ 92, 26.110,
134.291

■ 96, 33.714,
133.188

■ 96, 32.762,
129.740

Harmonies

Complementary

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



54, 55.709, 317.103



73, 53.690, 132.837

Rectangle

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



54, 55.709, 317.103



54, 55.709, 7.103



54, 55.709, 137.103



54, 55.709, 187.103

Sweetspot

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



54, 55.707, 317.103



90, 20.290, 315.724



56, 35.414, 279.368



47, 14.153, 315.820



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



54, 55.707, 317.103



63, 81.793, 317.441



57, 52.594, 332.326



38, 6.595, 315.512



29, 85.009, 316.885



3, 21.088, 312.362

Inverse Universe

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



55, 39.493, 0.611



65, 58.122, 2.752



72, 52.691, 145.423



38, 4.562, 355.500



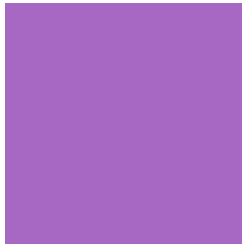
34, 61.363, 18.747



3, 14.689, 2.537

Previews

White Background



This preview shows how the CIELCh color 54, 55.709, 317.103 looks on a white background.

Color Contrast Check

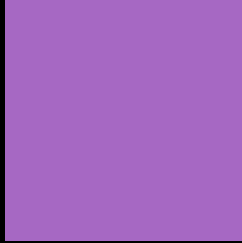
Large Text (above 18pt) WCAG AA ✓ Pass

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 54, 55.709, 317.103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

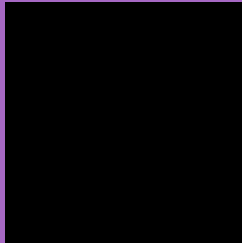
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 55.709, 317.103

Background



This preview shows how black text looks on a background with the CIELCh color 54, 55.709, 317.103.

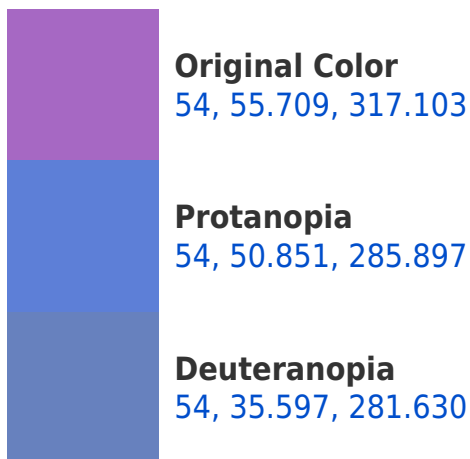


This preview shows how white text looks on a background with the CIELCh color 54, 55.709, 317.103.

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
54, 16.072, 0.486

Trichromacy



Original Color
54, 55.709, 317.103



Protanomaly
54, 51.306, 296.369



Deuteranomaly
54, 41.678, 297.600

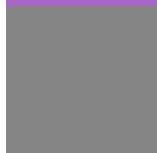


Tritanomaly
54, 28.355, 330.629

Monochromacy



Original Color
54, 55.709, 317.103



Achromatopsia
56, 0.007, 296.813



Achromatomaly
54, 21.477, 315.885

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 55.709, 317.103 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(166, 104, 195)` looks like.

```
.text, #text, p{  
    color:rgb(166, 104, 195)  
}
```

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(166, 104, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 104, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 55.709, 317.103 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(166, 104, 195) }
```

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

```
.border{ border-color:rgb(166, 104, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 104, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 104, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 104, 195);  
box-shadow:4px 4px 4px 4px rgb(166, 104,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 55.709, 317.103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 104, 195) }
```

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

```
.background{ background-color: rgb(166,  
104, 195) }
```

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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