

Converting Colors

CIELCh(54, 59.669, 312.652)

Have a look what the booklet for
CIELCh(54, 59.669, 312.652)
contains.

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Color

CIELCh(54, 59.667, 312.778)

Conversions

Conversions Part 1

Format	Color
Hex	9F69CD
RGB	159, 105, 205
RGB Percent	62%, 41%, 80%
CMY	0.3754, 0.5872, 0.1950
CMYK	0.22, 0.49, 0.00, 0.19
HSL	272°, 50%, 61%
HSV	272°, 49%, 81%
XYZ	30.4824, 21.9746, 60.5684
YIQ	132.5460, 0.0840, 42.5480

Conversions

Conversions Part 2

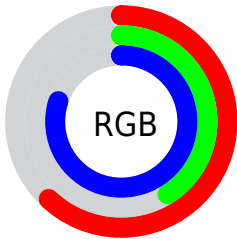
Format	Color
RYB	159, 105, 205
Decimal	10447309
CIELab	54.00, 40.52, -43.80
CIELCh	54, 59.667, 312.778
Yxy	21.9746, 0.2697, 0.1944
Android (android.graphics.Color)	4288637389 (0xFF9F69CD)
YUV	132.5460, 35.7198, 23.2002
Hunter-Lab	46.8770, 34.0372, -43.7930

Details

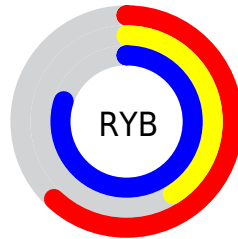
The CIELCh color `54, 59.667, 312.778` is a light color, and the websafe version is hex `9966CC`. A complement of this color would be `77, 55.951, 128.215`, and the grayscale version is `55, 0.007, 296.813`.

A 20% lighter version of the original color is `74, 55.738, 314.133`, and `34, 59.785, 312.924` is the 20% darker color. If you saturate the color by 10%, you get `49, 71.777, 313.211`, and if you desaturate by 10%, it is `60, 47.197, 312.288`.

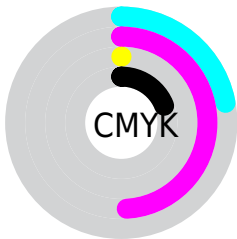
Distribution



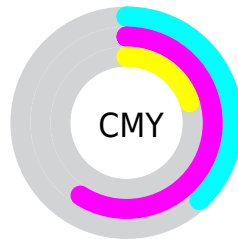
- Red (62%)
- Green (41%)
- Blue (80%)



- Red (62%)
- Yellow (41%)
- Blue (80%)



- Cyan (22%)
- Magenta (49%)
- Yellow (0%)
- Black (19%)



- Cyan (38%)
- Magenta (59%)
- Yellow (20%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 59.667, 312.778 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, 59.667, 312.778 by changing the saturation by 10% instead.

 54, 59.667,
312.778

 54, 59.667,
312.778

 100, 59.667,
312.778

 44, 59.667,
312.778

 74, 59.667,
312.778

 34, 59.667,
312.778

 84, 59.667,
312.778

 24, 59.667,
312.778

 94, 59.667,
312.778

 14, 59.667,
312.778

 4, 59.667, 312.778

 0, 59.667, 312.778

■ 54, 59.667,
312.778

■ 54, 59.667,
312.778

■ 49, 71.777,
313.211

■ 60, 47.197,
312.288

■ 44, 83.025,
313.522

■ 65, 34.695,
311.782

■ 40, 92.709,
313.624

■ 71, 22.353,
311.288

■ 36, 100.026,
313.412

■ 77, 10.281,
310.818

■ 34, 104.604,
312.841


■ 83, 1.469, 130.496

■ 34, 105.128,
312.767

■ 89, 12.873,
130.028

■ 95, 23.928,
129.677

■ 97, 26.286,
124.749

 98, 25.457,
117.313

Harmonies

Complementary

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



54, 59.667, 312.778



77, 55.951, 128.215

Rectangle

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



54, 59.667, 312.778



54, 59.667, 2.778



54, 59.667, 132.778



54, 59.667, 182.778

Sweetspot

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



54, 59.666, 312.778



89, 21.255, 311.119



62, 32.282, 268.122



46, 14.542, 311.221



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, 59.666, 312.778



60, 84.533, 313.211



59, 62.348, 327.962



40, 6.655, 310.849



26, 89.540, 312.939



3, 24.749, 308.174

Inverse Universe

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



57, 45.354, 351.331



66, 63.218, 353.085



75, 62.687, 141.352



40, 5.173, 346.630



35, 61.167, 5.427



4, 19.547, 355.997

Previews

White Background



This preview shows how the CIELCh color 54, 59.667, 312.778 looks on a white background.

Color Contrast Check

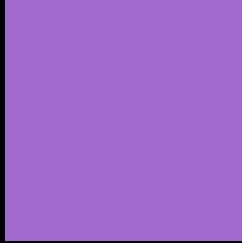
Large Text (above 18pt) WCAG AA ✓ Pass

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, 59.667, 312.778 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

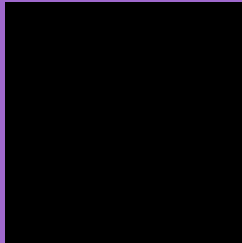
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 59.667, 312.778

Background



This preview shows how black text looks on a background with the CIELCh color 54, 59.667, 312.778.

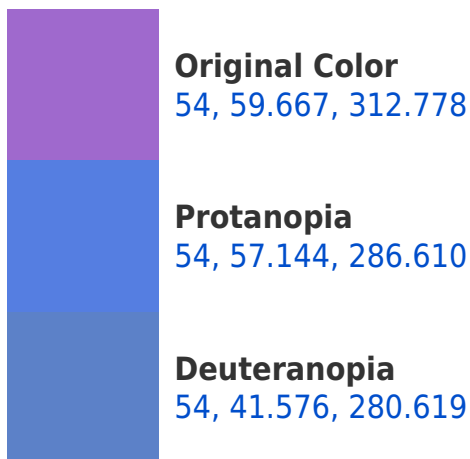


This preview shows how white text looks on a background with the CIELCh color 54, 59.667, 312.778.

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, 10.933, 352.471

Trichromacy



Original Color
54, 59.667, 312.778

Protanomaly
53, 57.578, 295.115

Deuteranomaly
53, 47.317, 294.251

Tritanomaly
54, 27.361, 320.248

Monochromacy



Original Color
54, 59.667, 312.778

Achromatopsia
56, 0.007, 296.813

Achromatomaly
55, 22.111, 311.975

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 59.667, 312.778 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(159, 105, 205)` looks like.

```
.text, #text, p{  
    color:rgb(159, 105, 205)  
}
```

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(159, 105, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 105, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 59.667, 312.778 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(159, 105, 205) }
```

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

```
.border{ border-color:rgb(159, 105, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 105, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 105, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 105, 205);  
box-shadow:4px 4px 4px 4px rgb(159, 105,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 59.667, 312.778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 105, 205) }
```

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

```
.background{ background-color: rgb(159,  
105, 205) }
```

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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