

Converting Colors

CIELCh(51, 54.064, 317.253)

Have a look what the booklet for
CIELCh(51, 54.064, 317.253)
contains.

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Color

CIELCh(51, 54.392, 317.146)

Conversions

Conversions Part 1

Format	Color
Hex	9D61B9
RGB	157, 97, 185
RGB Percent	62%, 38%, 73%
CMY	0.3837, 0.6190, 0.2739
CMYK	0.15, 0.48, 0.00, 0.27
HSL	281°, 39%, 55%
HSV	281°, 48%, 73%
XYZ	26.9959, 19.2686, 48.2807
YIQ	124.9720, 7.5120, 40.0880

Conversions

Conversions Part 2

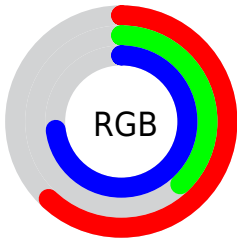
Format	Color
R _Y B	157, 97, 185
Decimal	10314169
CIE Lab	51.00, 39.87, -36.99
CIE LCh	51, 54.392, 317.146
Yxy	19.2686, 0.2855, 0.2038
Android (android.graphics.Color)	4288504249 (0xFF9D61B9)
YUV	124.9720, 29.5938, 28.0886
Hunter-Lab	43.8960, 32.9588, -34.4851

Details

The CIELCh color **51, 54.392, 317.146** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **69, 52.399, 132.815**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 54.295, 317.239**, and **31, 54.413, 317.121** is the 20% darker color. If you saturate the color by 10%, you get **47, 65.291, 317.470**, and if you desaturate by 10%, it is **56, 42.977, 316.751**.

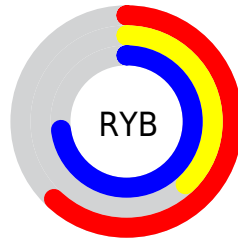
Distribution



Red (62%)

Green (38%)

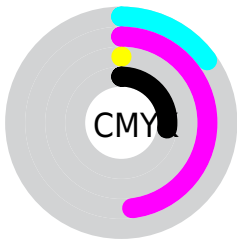
Blue (73%)



Red (62%)

Yellow (38%)

Blue (73%)

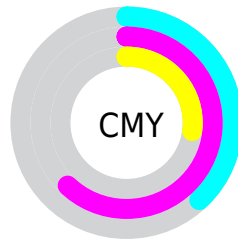


Cyan (15%)

Magenta (48%)

Yellow (0%)

Black (27%)



Cyan (38%)


Magenta (62%)


Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 54.392, 317.146 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 51, 54.392, 317.146 by changing the saturation by 10% instead.


 51, 54.392,
317.146


 51, 54.392,
317.146


 100, 54.392,
317.146


 41, 54.392,
317.146


 71, 54.392,
317.146

 31, 54.392,
317.146

 81, 54.392,
317.146

 21, 54.392,
317.146

 91, 54.392,
317.146

 11, 54.392,
317.146

 1, 54.392, 317.146

 0, 54.392, 317.146

51, 54.392,
317.146

51, 54.392,
317.146

47, 65.291,
317.470

56, 42.977,
316.751

42, 75.217,
317.673

61, 31.381,
316.322

39, 83.591,
317.691

66, 19.820,
315.884

36, 89.824,
317.457

71, 8.429, 315.446

34, 93.657,
316.934

77, 2.714, 135.122

34, 94.474,
316.796

82, 13.568,
134.694

87, 24.114,
134.341

93, 34.350,
134.021

■ 95, 39.146,
132.599

Harmonies

Complementary

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



51, 54.392, 317.146



69, 52.399, 132.815

Rectangle

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



51, 54.392, 317.146



51, 54.392, 7.146



51, 54.392, 137.146



51, 54.392, 187.146

Sweetspot

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



51, 54.390, 317.146



86, 19.456, 315.739



53, 34.606, 279.545



44, 13.453, 315.833



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



51, 54.390, 317.146



60, 79.743, 317.481



54, 51.292, 332.373



36, 6.307, 315.526



28, 82.996, 316.927



2, 16.590, 311.532

Inverse Universe

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



52, 38.560, 0.784



62, 56.663, 2.993



68, 51.408, 145.339



36, 4.361, 355.529



32, 59.895, 18.631



2, 11.276, 0.796

Previews

White Background



This preview shows how the CIELCh color 51, 54.392, 317.146 looks on a white background.

Color Contrast Check

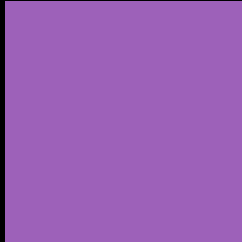
Large Text (above 18pt) WCAG AA ✓ Pass

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 51, 54.392, 317.146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

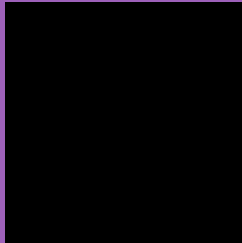
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 54.392, 317.146

Background



This preview shows how black text looks on a background with the CIELCh color 51, 54.392, 317.146.

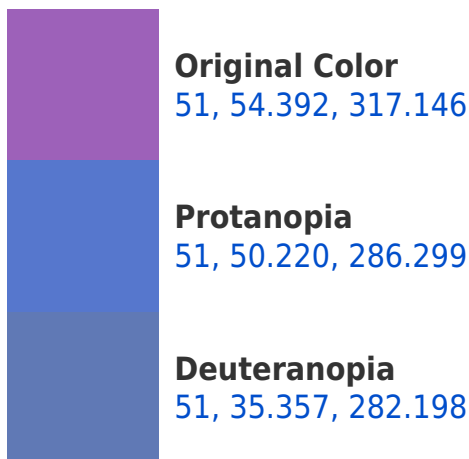


This preview shows how white text looks on a background with the CIELCh color 51, 54.392, 317.146.

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
51, 15.295, 1.431

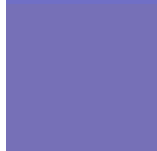
Trichromacy



Original Color
51, 54.392, 317.146



Protanomaly
51, 50.726, 296.562



Deuteranomaly
51, 41.568, 297.805

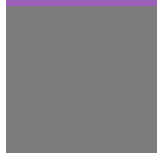


Tritanomaly
51, 27.280, 330.883

Monochromacy



Original Color
51, 54.392, 317.146



Achromatopsia
52, 0.007, 296.813



Achromatomaly
51, 20.484, 316.232

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 54.392, 317.146 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(157, 97, 185)` looks like.

```
.text, #text, p{  
    color:rgb(157, 97, 185)  
}
```

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(157, 97, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 97, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 54.392, 317.146 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(157, 97, 185) }
```

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

```
.border{ border-color:rgb(157, 97, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 97, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 97, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 97, 185);  
box-shadow:4px 4px 4px 4px rgb(157, 97,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 54.392, 317.146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 97, 185) }
```

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

```
.background{ background-color: rgb(157, 97,  
185) }
```

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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