

Converting Colors

CIELCh(54, 62.814, 312.924)

Have a look what the booklet for
CIELCh(54, 62.814, 312.924)
contains.

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Color

CIELCh(54, 62.452, 312.937)

Conversions

Conversions Part 1

Format	Color
Hex	A168D1
RGB	161, 104, 209
RGB Percent	63%, 41%, 82%
CMY	0.3699, 0.5933, 0.1816
CMYK	0.23, 0.50, 0.00, 0.18
HSL	273°, 53%, 61%
HSV	273°, 50%, 82%
XYZ	31.0249, 21.9746, 62.7214
YIQ	133.0130, 0.2670, 44.7390

Conversions

Conversions Part 2

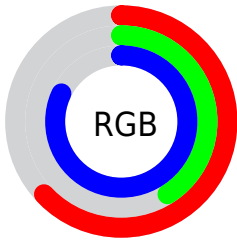
Format	Color
R_{YB}	161, 104, 209
Decimal	10578129
CIE _{Lab}	54.00, 42.54, -45.72
CIE _{LCh}	54, 62.452, 312.937
Yxy	21.9746, 0.2681, 0.1899
Android (android.graphics.Color)	4288768209 (0xFFA168D1)
YUV	133.0130, 37.4616, 24.5446
Hunter-Lab	46.8770, 36.1031, -46.5160

Details

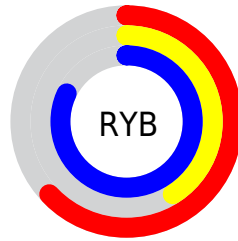
The CIELCh color **54, 62.452, 312.937** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **78, 58.458, 128.240**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 56.536, 314.934**, and **34, 62.526, 312.801** is the 20% darker color. If you saturate the color by 10%, you get **49, 74.614, 313.352**, and if you desaturate by 10%, it is **60, 49.849, 312.455**.

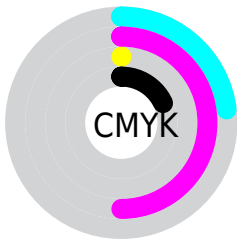
Distribution



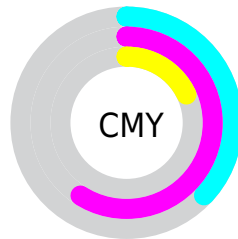
- Red (63%)
- Green (41%)
- Blue (82%)



- Red (63%)
- Yellow (41%)
- Blue (82%)



- Cyan (23%)
- Magenta (50%)
- Yellow (0%)
- Black (18%)





- Cyan (37%)
- Magenta (59%)
- Yellow (18%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 62.452, 312.937 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, 62.452, 312.937 by changing the saturation by 10% instead.


 54, 62.452,
312.937

 54, 62.452,
312.937


 100, 62.452,
312.937


 44, 62.452,
312.937


 74, 62.452,
312.937

 34, 62.452,
312.937

 84, 62.452,
312.937

 24, 62.452,
312.937

 94, 62.452,
312.937

 14, 62.452,
312.937

 4, 62.452, 312.937

 0, 62.452, 312.937

54, 62.452,
312.937

54, 62.452,
312.937

49, 74.614,
313.352

60, 49.849,
312.455

44, 85.792,
313.632

65, 37.167,
311.952

40, 95.247,
313.685

71, 24.621,
311.456

37, 102.172,
313.408

77, 12.333,
310.983


34, 106.380,
312.822

84, 0.364, 310.187

90, 11.257,
130.181

96, 22.523,
129.822

98, 24.401,
124.143

 98, 23.632,
116.015

Harmonies

Complementary

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



54, 62.452, 312.937



78, 58.458, 128.240

Rectangle

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



54, 62.452, 312.937



54, 62.452, 2.937



54, 62.452, 132.937



54, 62.452, 182.937

Sweetspot

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



54, 62.451, 312.937



89, 21.267, 311.210



62, 33.750, 268.575



46, 14.549, 311.312



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, 62.451, 312.937



59, 87.328, 313.366



60, 64.993, 328.040



41, 6.796, 310.942



27, 90.513, 312.992



3, 27.003, 309.163

Inverse Universe

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



58, 47.292, 351.768



65, 64.975, 353.670



76, 65.401, 141.169



41, 5.271, 346.788



36, 61.853, 5.748



5, 21.418, 356.660

Previews

White Background



This preview shows how the CIELCh color 54, 62.452, 312.937 looks on a white background.

Color Contrast Check

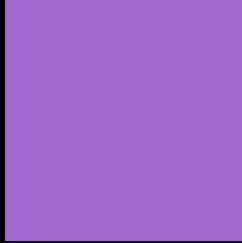
Large Text (above 18pt) WCAG AA ✓ Pass

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, 62.452, 312.937 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

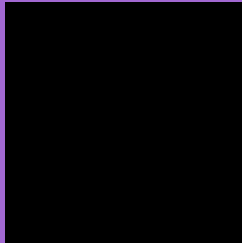
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 62.452, 312.937

Background



This preview shows how black text looks on a background with the CIELCh color 54, 62.452, 312.937.

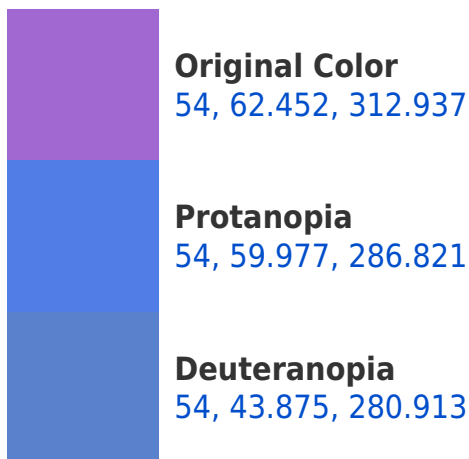


This preview shows how white text looks on a background with the CIELCh color 54, 62.452, 312.937.

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, 11.914, 351.987

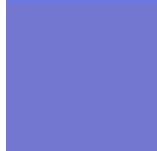
Trichromacy



Original Color
54, 62.452, 312.937



Protanomaly
54, 59.828, 294.927



Deuteranomaly
54, 49.579, 294.239



Tritanomaly
54, 29.547, 321.384

Monochromacy



Original Color
54, 62.452, 312.937



Achromatopsia
56, 0.007, 296.813



Achromatomaly
54, 23.866, 311.483

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 62.452, 312.937 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, 104, 209)` looks like.

```
.text, #text, p{  
    color:rgb(161, 104, 209)  
}
```

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, 104, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 104, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 62.452, 312.937 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, 104, 209) }
```

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

```
.border{ border-color:rgb(161, 104, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 104, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 104, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 104, 209);  
box-shadow:4px 4px 4px 4px rgb(161, 104,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 62.452, 312.937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 104, 209) }
```

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

```
.background{ background-color: rgb(161,  
104, 209) }
```

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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