

Converting Colors

CIELCh(52, 67.550, 311.822)

Have a look what the booklet for
CIELCh(52, 67.550, 311.822)
contains.

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Color

CIELCh(52, 67.489, 311.810)

Conversions

Conversions Part 1

Format	Color
Hex	9A61D3
RGB	154, 97, 211
RGB Percent	60%, 38%, 83%
CMY	0.3958, 0.6194, 0.1723
CMYK	0.27, 0.54, 0.00, 0.17
HSL	270°, 56%, 60%
HSV	270°, 54%, 83%
XYZ	29.3865, 20.1443, 64.0124
YIQ	127.0390, -2.6220, 47.5380

Conversions

Conversions Part 2

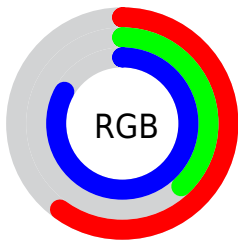
Format	Color
RYB	154, 97, 211
Decimal	10117587
CIELab	52.00, 44.99, -50.30
CIELCh	52, 67.489, 311.810
Yxy	20.1443, 0.2588, 0.1774
Android (android.graphics.Color)	4288307667 (0xFF9A61D3)
YUV	127.0390, 41.3928, 23.6448
Hunter-Lab	44.8824, 38.3275, -53.1431

Details

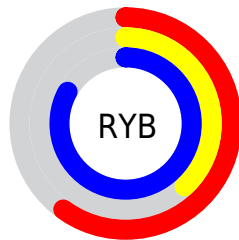
The CIELCh color $52, 67.489, 311.810$ is a light color, and the websafe version is hex `9966CC`. A complement of this color would be $79, 62.257, 126.614$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $71, 60.892, 313.881$, and $32, 67.648, 311.764$ is the 20% darker color. If you saturate the color by 10%, you get $47, 79.636, 312.249$, and if you desaturate by 10%, it is $58, 54.802, 311.291$.

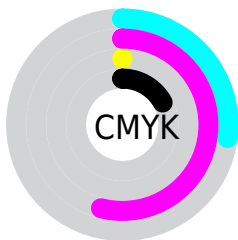
Distribution



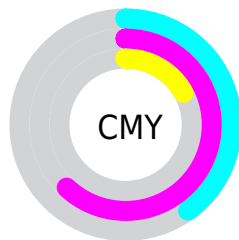
- Red (60%)
- Green (38%)
- Blue (83%)



- Red (60%)
- Yellow (38%)
- Blue (83%)



- Cyan (27%)
- Magenta (54%)
- Yellow (0%)
- Black (17%)



- Cyan (40%)
- Magenta (62%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 67.489, 311.810 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 52, 67.489, 311.810 by changing the saturation by 10% instead.

■ 52, 67.489,
311.810

■ 52, 67.489,
311.810

■ 100, 67.489,
311.810

■ 42, 67.489,
311.810

■ 72, 67.489,
311.810

■ 32, 67.489,
311.810

■ 82, 67.489,
311.810

■ 22, 67.489,
311.810

■ 92, 67.489,
311.810

■ 12, 67.489,
311.810

■ 2, 67.489, 311.810

■ 0, 67.489, 311.810

52, 67.489,
311.810

52, 67.489,
311.810

47, 79.636,
312.249

58, 54.802,
311.291

42, 90.619,
312.526

64, 41.991,
310.746

38, 99.603,
312.533

70, 29.302,
310.211

35, 105.749,
312.157

76, 16.870,
309.703

33, 108.300,
311.798

82, 4.767, 309.219

88, 6.979, 128.842

94, 18.361,
128.455

98, 23.090,
123.724

■ 99, 22.324,
114.167

Harmonies

Complementary

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



52, 67.489, 311.810



79, 62.257, 126.614

Rectangle

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



52, 67.489, 311.810



52, 67.489, 1.810



52, 67.489, 131.810



52, 67.489, 181.810

Sweetspot

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



52, 67.488, 311.810



88, 22.525, 309.810



62, 34.927, 266.087



46, 15.251, 309.914



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



52, 67.488, 311.810



55, 94.107, 312.310



59, 71.325, 327.209



41, 6.736, 309.479



26, 91.344, 311.976



3, 26.743, 307.481

Inverse Universe

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



57, 51.985, 349.650



63, 70.472, 351.786



76, 71.848, 139.907



41, 5.421, 344.392



36, 62.117, 1.678



5, 21.812, 353.947

Previews

White Background



This preview shows how the CIELCh color 52, 67.489, 311.810 looks on a white background.

Color Contrast Check

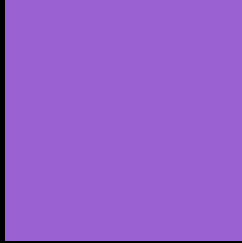
Large Text (above 18pt) WCAG AA ✓ Pass

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 52, 67.489, 311.810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

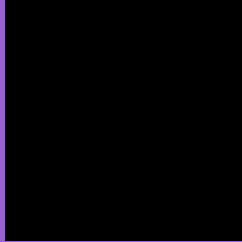
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 67.489, 311.810

Background



This preview shows how black text looks on a background with the CIELCh color 52, 67.489, 311.810.

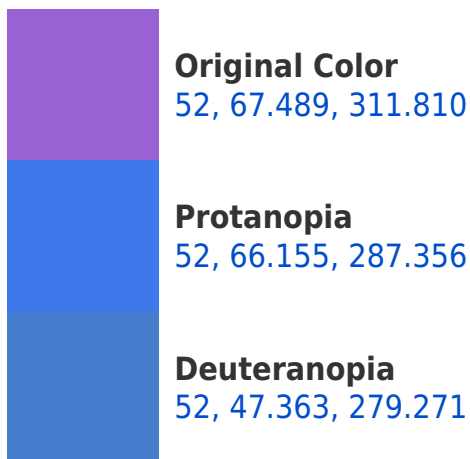


This preview shows how white text looks on a background with the CIELCh color 52, 67.489, 311.810.

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
52, 10.250, 346.207

Trichromacy



Original Color
52, 67.489, 311.810

Protanomaly
51, 65.998, 294.223

Deuteranomaly
51, 53.413, 292.432

Tritanomaly
51, 30.641, 317.270

Monochromacy



Original Color
52, 67.489, 311.810

Achromatopsia
53, 0.007, 296.813

Achromatomaly
52, 25.688, 310.316

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 67.489, 311.810 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(154, 97, 211)` looks like.

```
.text, #text, p{  
    color:rgb(154, 97, 211)  
}
```

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(154, 97, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 97, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 67.489, 311.810 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(154, 97, 211) }
```

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

```
.border{ border-color:rgb(154, 97, 211) }
```

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

Here you see how a box with a 4 pixel rgb(154, 97, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 97, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 97, 211);  
box-shadow:4px 4px 4px 4px rgb(154, 97,  
211) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 67.489, 311.810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 97, 211) }
```

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

```
.background{ background-color: rgb(154, 97,  
211) }
```

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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