

Converting Colors

CIELCh(38, 61.259, 323.194)

Have a look what the booklet for
CIELCh(38, 61.259, 323.194)
contains.

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Color

CIELCh(38, 61.312, 322.950)

Conversions

Conversions Part 1

Format	Color
Hex	883696
RGB	136, 54, 150
RGB Percent	53%, 21%, 59%
CMY	0.4664, 0.7880, 0.4115
CMYK	0.09, 0.64, 0.00, 0.41
HSL	291°, 47%, 40%
HSV	291°, 64%, 59%
XYZ	16.9963, 10.0881, 29.9328
YIQ	89.4620, 18.0560, 47.2400

Conversions

Conversions Part 2

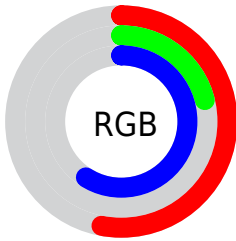
Format	Color
R_{YB}	136, 54, 150
Decimal	8926870
CIE _{Lab}	38.00, 48.93, -36.94
CIE _{LCh}	38, 61.312, 322.950
Yxy	10.0881, 0.2981, 0.1769
Android (android.graphics.Color)	4287116950 (0xFF883696)
YUV	89.4620, 29.8452, 40.8138
Hunter-Lab	31.7617, 39.9357, -33.6428

Details

The CIELCh color **38, 61.312, 322.950** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **55, 60.777, 136.281**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **58, 61.683, 322.981**, and **19, 57.999, 322.714** is the 20% darker color. If you saturate the color by 10%, you get **35, 68.362, 323.093**, and if you desaturate by 10%, it is **41, 52.956, 322.686**.

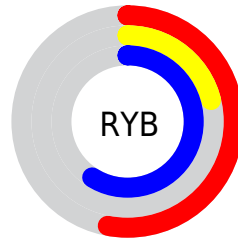
Distribution



Red (53%)

Green (21%)

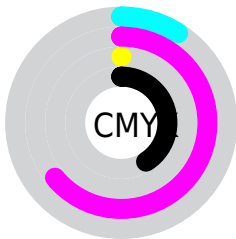
Blue (59%)



Red (53%)

Yellow (21%)

Blue (59%)

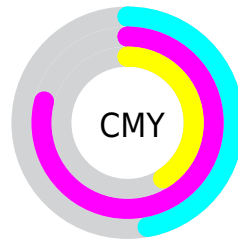


Cyan (9%)

Magenta (64%)

Yellow (0%)

Black (41%)



Cyan (47%)


Magenta (79%)


Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 38, 61.312, 322.950 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 38, 61.312, 322.950 by changing the saturation by 10% instead.


 38, 61.312,
322.950


 38, 61.312,
322.950


 100, 61.312,
322.950


 28, 61.312,
322.950

 58, 61.312,
322.950


 18, 61.312,
322.950


 68, 61.312,
322.950

 8, 61.312, 322.950

 78, 61.312,
322.950

 0, 61.312, 322.950

 88, 61.312,
322.950

 98, 61.312,
322.950

■ 38, 61.312,
322.950

■ 38, 61.312,
322.950

■ 35, 68.362,
323.093

■ 41, 52.956,
322.686

■ 33, 73.718,
323.081

■ 44, 43.714,
322.335

■ 32, 77.131,
322.890

■ 48, 33.945,
321.926

■ 31, 78.706,
322.735

■ 52, 23.932,
321.483

■ 56, 13.877,
321.024

■ 60, 3.916, 320.538

■ 65, 5.864, 140.173

■ 69, 15.412,
139.731

■ 73, 24.701,
139.327

Harmonies

Complementary

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



38, 61.312, 322.950



55, 60.777, 136.281

Rectangle

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



38, 61.312, 322.950



38, 61.312, 12.950



38, 61.312, 142.950



38, 61.312, 192.950

Sweetspot

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



38, 61.310, 322.950



69, 23.571, 321.274



32, 51.275, 294.382



35, 16.371, 321.396



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



38, 61.310, 322.950



46, 86.692, 323.108



39, 49.438, 342.058



29, 5.525, 320.800



29, 73.915, 322.775



1, 4.798, 320.403

Inverse Universe

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



37, 43.408, 17.596



44, 64.468, 22.703



55, 49.236, 149.703



29, 3.400, 8.191



28, 60.114, 31.893



1, 2.899, 7.464

Previews

White Background



This preview shows how the CIELCh color 38, 61.312, 322.950 looks on a white 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

Black Background



This preview shows how the CIELCh color 38, 61.312, 322.950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

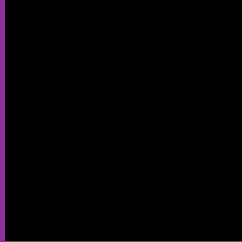
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 38, 61.312, 322.950

Background



This preview shows how black text looks on a background with the CIELCh color 38, 61.312, 322.950.

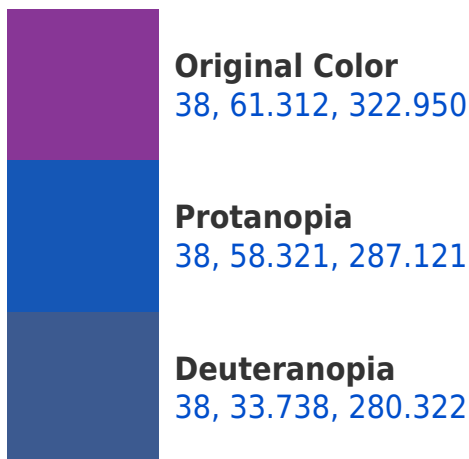


This preview shows how white text looks on a background with the CIELCh color 38, 61.312, 322.950.

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
38, 23.611, 15.984

Trichromacy



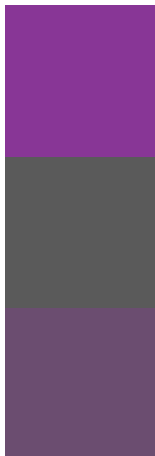
Original Color
38, 61.312, 322.950

Protanomaly
36, 58.502, 295.936

Deuteranomaly
37, 42.798, 301.080

Tritanomaly
37, 33.726, 342.663

Monochromacy



Original Color
38, 61.312, 322.950

Achromatopsia
38, 0.005, 296.813

Achromatomaly
37, 24.594, 321.859

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 38, 61.312, 322.950 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(136, 54, 150)` looks like.

```
.text, #text, p{  
    color:rgb(136, 54, 150)  
}
```

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(136, 54, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 54, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 38, 61.312, 322.950 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(136, 54, 150) }
```

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

```
.border{ border-color:rgb(136, 54, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 54, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 54, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 54, 150);  
box-shadow:4px 4px 4px 4px rgb(136, 54,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 38, 61.312, 322.950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 54, 150) }
```

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

```
.background{ background-color: rgb(136, 54,  
150) }
```

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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