

Converting Colors

CIELCh(54, 44.808, 313.665)

Have a look what the booklet for
CIELCh(54, 44.808, 313.665)
contains.

CIELCh(54, 44.509, 313.879)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(54, 44.509, 313.879)

Conversions

Conversions Part 1

Format	Color
Hex	9B70B9
RGB	155, 112, 185
RGB Percent	61%, 44%, 73%
CMY	0.3931, 0.5617, 0.2755
CMYK	0.16, 0.40, 0.00, 0.28
HSL	275°, 34%, 58%
HSV	275°, 40%, 72%
XYZ	27.9703, 21.9746, 48.5290
YIQ	133.1790, 2.1950, 31.8190

Conversions

Conversions Part 2

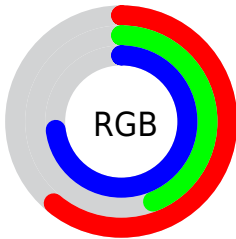
Format	Color
R_{YB}	155, 112, 185
Decimal	10186937
CIE _{Lab}	54.00, 30.85, -32.08
CIE _{LCh}	54, 44.509, 313.879
Yxy	21.9746, 0.2840, 0.2232
Android (android.graphics.Color)	4288377017 (0xFF9B70B9)
YUV	133.1790, 25.5478, 19.1370
Hunter-Lab	46.8770, 24.4715, -28.5655

Details

The CIELCh color $54, 44.509, 313.879$ is a light color, and the websafe version is hex 996699 . A complement of this color would be $71, 42.595, 130.297$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 44.641, 314.246$, and $34, 44.755, 313.637$ is the 20% darker color. If you saturate the color by 10%, you get $49, 55.902, 314.319$, and if you desaturate by 10%, it is $59, 33.005, 313.413$.

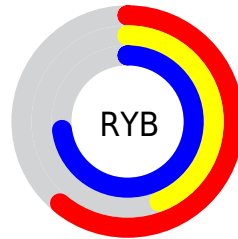
Distribution



Red (61%)

Green (44%)

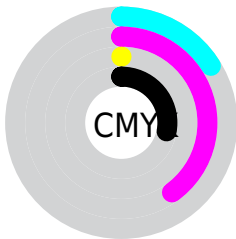
Blue (73%)



Red (61%)

Yellow (44%)

Blue (73%)

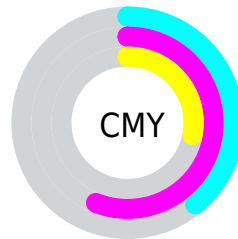


Cyan (16%)

Magenta (40%)

Yellow (0%)

Black (28%)



Cyan (39%)

Magenta (56%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 44.509, 313.879 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, 44.509, 313.879 by changing the saturation by 10% instead.

 54, 44.509,
313.879

 54, 44.509,
313.879


 100, 44.509,
313.879

 44, 44.509,
313.879


 74, 44.509,
313.879

 34, 44.509,
313.879

 84, 44.509,
313.879

 24, 44.509,
313.879

 94, 44.509,
313.879

 14, 44.509,
313.879

 4, 44.509, 313.879

 0, 44.509, 313.879

54, 44.509,
313.879

54, 44.509,
313.879

49, 55.902,
314.319

59, 33.005,
313.413

44, 66.870,
314.690

65, 21.596,
312.948

40, 76.939,
314.932

70, 10.396,
312.497

36, 85.483,
314.965

75, 0.530, 132.357

33, 91.831,
314.701

81, 11.153,
131.728


31, 95.910,
314.136

86, 21.463,
131.377

31, 96.105,
314.109

92, 31.463,
131.066

96, 38.502,
129.951

 96, 37.460,
126.117

Harmonies

Complementary

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



54, 44.509, 313.879



71, 42.595, 130.297

Rectangle

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



54, 44.509, 313.879



54, 44.509, 3.879



54, 44.509, 133.879



54, 44.509, 183.879

Sweetspot

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



54, 44.507, 313.879



87, 16.279, 312.617



58, 25.631, 270.626



45, 10.809, 312.675



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



54, 44.507, 313.879



64, 65.587, 314.246



57, 45.566, 329.015



36, 6.167, 312.490



26, 84.538, 314.255



2, 16.219, 308.018

Inverse Universe

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



56, 33.145, 353.047



67, 48.594, 354.333



69, 45.627, 143.736



36, 4.598, 349.520



33, 58.469, 9.850



2, 11.678, 355.806

Previews

White Background



This preview shows how the CIELCh color 54, 44.509, 313.879 looks on a white background.

Color Contrast Check

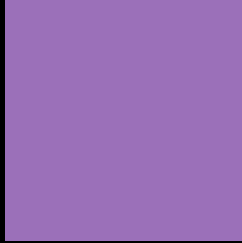
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 54, 44.509, 313.879 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

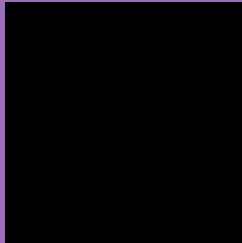
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 44.509, 313.879

Background



This preview shows how black text looks on a background with the CIELCh color 54, 44.509, 313.879.

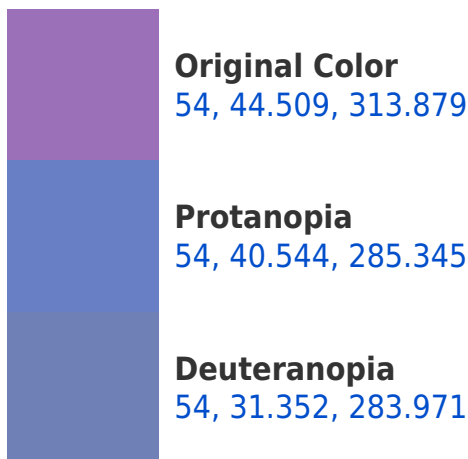


This preview shows how white text looks on a background with the CIELCh color 54, 44.509, 313.879.

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, 10.578, 351.370

Trichromacy



Original Color
54, 44.509, 313.879

Protanomaly
54, 41.585, 295.453

Deuteranomaly
54, 35.315, 296.959

Tritanomaly
54, 21.736, 323.796

Monochromacy



Original Color
54, 44.509, 313.879

Achromatopsia
56, 0.007, 296.813

Achromatomaly
55, 16.753, 312.976

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 44.509, 313.879 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(155, 112, 185)` looks like.

```
.text, #text, p{  
    color:rgb(155, 112, 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(155, 112, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 112, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 44.509, 313.879 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(155, 112, 185) }
```

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

```
.border{ border-color:rgb(155, 112, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 112, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 112, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 112, 185);  
box-shadow:4px 4px 4px 4px rgb(155, 112,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 44.509, 313.879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 112, 185) }
```

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

```
.background{ background-color: rgb(155,  
112, 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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