

Converting Colors

CIELCh(54, 44.310, 358.089)

Have a look what the booklet for
CIELCh(54, 44.310, 358.089)
contains.

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Color

CIELCh(54, 44.310, 358.089)

Conversions

Conversions Part 1

Format	Color
Hex	C56085
RGB	197, 96, 133
RGB Percent	77%, 38%, 52%
CMY	0.2269, 0.6230, 0.4779
CMYK	0.00, 0.51, 0.32, 0.23
HSL	338°, 47%, 58%
HSV	338°, 51%, 77%
XYZ	31.4987, 21.9746, 24.8162
YIQ	130.4170, 48.3190, 32.9190

Conversions

Conversions Part 2

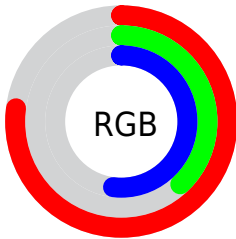
Format	Color
R_{YB}	197, 96, 133
Decimal	12935301
CIE _{Lab}	54.00, 44.29, -1.48
CIE _{LCh}	54, 44.310, 358.089
Yxy	21.9746, 0.4023, 0.2807
Android (android.graphics.Color)	4291125381 (0xFFC56085)
YUV	130.4170, 1.2734, 58.3933
Hunter-Lab	46.8770, 37.9070, 1.4265

Details

The CIELCh color **54, 44.310, 358.089** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **73, 39.546, 165.928**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 44.162, 357.676**, and **34, 44.122, 357.884** is the 20% darker color. If you saturate the color by 10%, you get **50, 52.175, 0.259**, and if you desaturate by 10%, it is **58, 35.779, 356.332**.

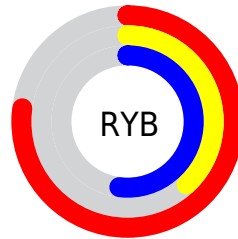
Distribution



Red (77%)

Green (38%)

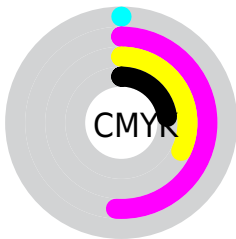
Blue (52%)



Red (77%)

Yellow (38%)

Blue (52%)

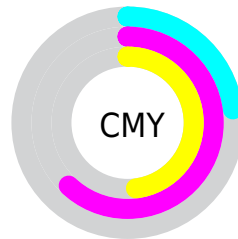


Cyan (0%)

Magenta (51%)

Yellow (32%)

Black (23%)



Cyan (23%)

Magenta (62%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 44.310, 358.089 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, 44.310, 358.089 by changing the saturation by 10% instead.

 54, 44.310,
358.089

 54, 44.310,
358.089

 100, 44.310,
358.089

 44, 44.310,
358.089

 74, 44.310,
358.089

 34, 44.310,
358.089

 84, 44.310,
358.089

 24, 44.310,
358.089

 94, 44.310,
358.089

 14, 44.310,
358.089

 4, 44.310, 358.089

 0, 44.310, 358.089

54, 44.310,
358.089

54, 44.310,
358.089

50, 52.175, 0.259

58, 35.779,
356.332

47, 58.959, 2.983

63, 26.958,
354.871

44, 64.293, 6.438

43, 68.046, 10.783

68, 18.119,
353.628

42, 70.478, 15.197


74, 9.440, 352.538

79, 1.025, 351.210

84, 7.075, 170.877

90, 14.843,
170.092

95, 22.282,
169.401

 96, 20.023,
184.132

Harmonies

Complementary

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



54, 44.310, 358.089



73, 39.546, 165.928

Rectangle

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



54, 44.310, 358.089



54, 44.310, 48.089



54, 44.310, 178.089



54, 44.310, 228.089

Sweetspot

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



54, 44.307, 358.091



90, 15.632, 352.960



52, 61.243, 315.774



47, 10.700, 353.193



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, 44.307, 358.091



64, 63.952, 0.429



56, 40.323, 34.474



39, 4.784, 352.347



34, 61.111, 14.366



4, 16.841, 0.766

Inverse Universe

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



54, 44.307, 358.091



64, 63.952, 0.429



70, 27.101, 213.432



39, 4.784, 352.347



34, 61.111, 14.366



4, 16.841, 0.766

Previews

White Background



This preview shows how the CIELCh color 54, 44.310, 358.089 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, 44.310, 358.089 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

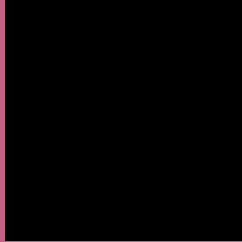
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 44.310, 358.089

Background



This preview shows how black text looks on a background with the CIELCh color 54, 44.310, 358.089.

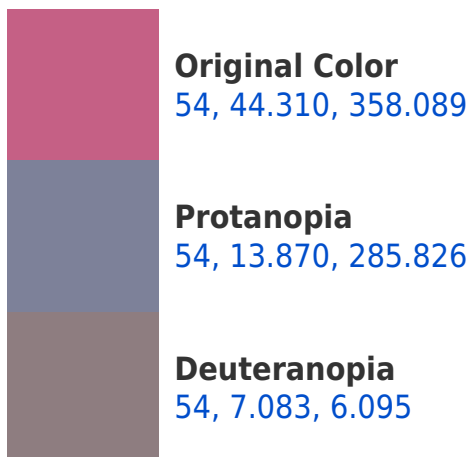


This preview shows how white text looks on a background with the CIELCh color 54, 44.310, 358.089.

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, 40.383, 19.271

Trichromacy



Original Color
54, 44.310, 358.089

Protanomaly
53, 21.266, 330.064

Deuteranomaly
54, 20.844, 357.724

Tritanomaly
54, 41.274, 11.140

Monochromacy



Original Color
54, 44.310, 358.089

Achromatopsia
55, 0.007, 296.813

Achromatomaly
54, 16.897, 353.094

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 44.310, 358.089 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(197, 96, 133)` looks like.

```
.text, #text, p{  
    color:rgb(197, 96, 133)  
}
```

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(197, 96, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 96, 133) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 44.310, 358.089 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(197, 96, 133) }
```

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

```
.border{ border-color:rgb(197, 96, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 96, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 96, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 96, 133);  
box-shadow:4px 4px 4px 4px rgb(197, 96,  
133) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 44.310, 358.089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 96, 133) }
```

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

```
.background{ background-color: rgb(197, 96,  
133) }
```

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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