

Converting Colors

CIELCh(54, 38.329, 298.984)

Have a look what the booklet for
CIELCh(54, 38.329, 298.984)
contains.

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Color

CIELCh(54, 38.278, 298.962)

Conversions

Conversions Part 1

Format	Color
Hex	8279BB
RGB	130, 121, 187
RGB Percent	51%, 47%, 73%
CMY	0.4906, 0.5258, 0.2670
CMYK	0.30, 0.35, 0.00, 0.27
HSL	248°, 33%, 60%
HSV	248°, 35%, 73%
XYZ	24.9767, 21.9746, 49.8838
YIQ	131.2150, -15.8220, 22.4340

Conversions

Conversions Part 2

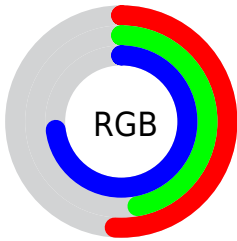
Format	Color
R_{YB}	130, 121, 187
Decimal	8550843
CIE _{Lab}	54.00, 18.54, -33.49
CIE _{LCh}	54, 38.278, 298.962
Yxy	21.9746, 0.2579, 0.2269
Android (android.graphics.Color)	4286740923 (0xFF8279BB)
YUV	131.2150, 27.5020, -1.0656
Hunter-Lab	46.8770, 13.0722, -30.2791

Details

The CIELCh color `54, 38.278, 298.962` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `74, 35.183, 112.851`, and the grayscale version is `55, 0.007, 296.813`.

A 20% lighter version of the original color is `74, 38.232, 298.945`, and `34, 38.320, 299.083` is the 20% darker color. If you saturate the color by 10%, you get `48, 50.071, 300.273`, and if you desaturate by 10%, it is `60, 26.897, 297.806`.

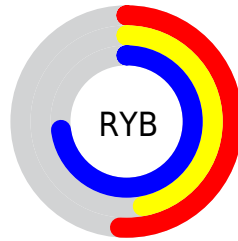
Distribution



Red (51%)

Green (47%)

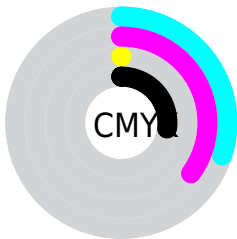
Blue (73%)



Red (51%)

Yellow (47%)

Blue (73%)

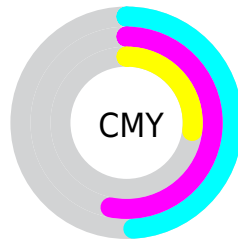


Cyan (30%)

Magenta (35%)

Yellow (0%)

Black (27%)



Cyan (49%)

Magenta (53%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 38.278, 298.962 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, 38.278, 298.962 by changing the saturation by 10% instead.


 54, 38.278,
298.962

 54, 38.278,
298.962


 100, 38.278,
298.962

 44, 38.278,
298.962


 74, 38.278,
298.962

 34, 38.278,
298.962

 84, 38.278,
298.962

 24, 38.278,
298.962

 94, 38.278,
298.962

 14, 38.278,
298.962

 4, 38.278, 298.962

 0, 38.278, 298.962

54, 38.278,
298.962

54, 38.278,
298.962

48, 50.071,
300.273

60, 26.897,
297.806

42, 62.178,
301.720

66, 15.951,
296.801

36, 74.327,
303.240

73, 5.429, 295.936

31, 85.913,
304.702

79, 4.692, 115.188

27, 95.837,
305.892

85, 14.438,
114.551

24, 102.646,
306.556

91, 23.834,
114.004

23, 105.083,
306.800

97, 32.904,
113.534

99, 34.243,
107.570

Harmonies

Complementary

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



54, 38.278, 298.962



74, 35.183, 112.851

Rectangle

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



54, 38.278, 298.962



54, 38.278, 348.962



54, 38.278, 118.962



54, 38.278, 168.962

Sweetspot

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



54, 38.277, 298.962



87, 14.039, 296.428



69, 19.362, 212.537



46, 9.535, 296.548



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



54, 38.277, 298.962



64, 57.021, 299.914



57, 40.360, 315.112



37, 5.884, 296.271



19, 92.755, 306.865



1, 17.496, 294.434

Inverse Universe

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



59, 39.820, 330.516



72, 58.014, 330.970



71, 39.021, 131.949



37, 6.435, 328.923



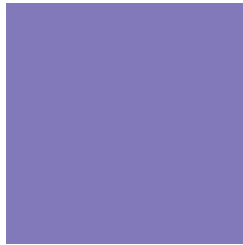
36, 72.757, 334.437



3, 18.778, 330.931

Previews

White Background



This preview shows how the CIELCh color 54, 38.278, 298.962 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, 38.278, 298.962 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

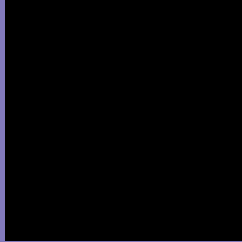
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 38.278, 298.962

Background



This preview shows how black text looks on a background with the CIELCh color 54, 38.278, 298.962.



This preview shows how white text looks on a background with the CIELCh color 54, 38.278, 298.962.

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



Original Color

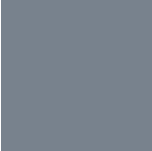
54, 38.278, 298.962

Protanopia

54, 37.654, 285.380

Deuteranopia

54, 33.196, 282.771



Tritanopia
54, 7.289, 259.978

Trichromacy



Original Color
54, 38.278, 298.962

Protanomaly
54, 37.482, 289.841

Deuteranomaly
54, 35.217, 289.217

Tritanomaly
54, 17.901, 288.917

Monochromacy



Original Color
54, 38.278, 298.962

Achromatopsia
55, 0.007, 296.813

Achromatomaly
54, 13.956, 297.938

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 38.278, 298.962 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(130, 121, 187)` looks like.

```
.text, #text, p{  
    color:rgb(130, 121, 187)  
}
```

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(130, 121, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 121, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 38.278, 298.962 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(130, 121, 187) }
```

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

```
.border{ border-color:rgb(130, 121, 187) }
```

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

Here you see how a box with a 4 pixel rgb(130, 121, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 121, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 121, 187);  
box-shadow:4px 4px 4px 4px rgb(130, 121,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 38.278, 298.962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 121, 187) }
```

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

```
.background{ background-color: rgb(130,  
121, 187) }
```

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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