

Converting Colors

CIELCh(54, 5.803, 226.205)

Have a look what the booklet for
CIELCh(54, 5.803, 226.205) contains.

CIELCh(54, 5.659, 229.754)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(54, 5.659, 229.754)

Conversions

Conversions Part 1

Format	Color
Hex	768388
RGB	118, 131, 136
RGB Percent	46%, 51%, 53%
CMY	0.5361, 0.4851, 0.4654
CMYK	0.13, 0.04, 0.00, 0.47
HSL	197°, 7%, 50%
HSV	197°, 13%, 53%
XYZ	20.1361, 21.9746, 26.5885
YIQ	127.6830, -9.3530, -1.2010

Conversions

Conversions Part 2

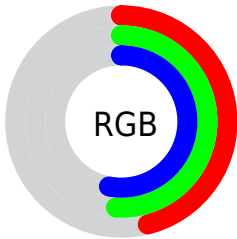
Format	Color
R_{YB}	118, 126, 136
Decimal	7766920
CIE _{Lab}	54.00, -3.66, -4.32
CIE _{LCh}	54, 5.659, 229.754
Yxy	21.9746, 0.2931, 0.3199
Android (android.graphics.Color)	4285957000 (0xFF768388)
YUV	127.6830, 4.1003, -8.4920
Hunter-Lab	46.8770, -5.3600, -0.8152

Details

The CIELCh color $54, 5.659, 229.754$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $53, 6.090, 48.046$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 5.675, 227.694$, and $34, 5.426, 226.477$ is the 20% darker color. If you saturate the color by 10%, you get $52, 9.700, 230.595$, and if you desaturate by 10%, it is $56, 1.406, 229.260$.

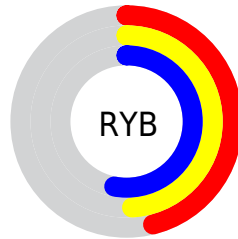
Distribution



Red (46%)

Green (51%)

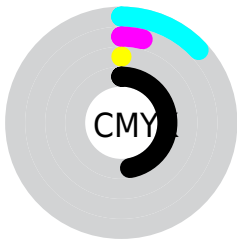
Blue (53%)



Red (46%)

Yellow (49%)

Blue (53%)

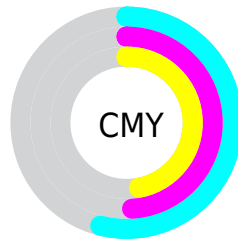


Cyan (13%)

Magenta (4%)

Yellow (0%)

Black (47%)



Cyan (54%)

Magenta (49%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 5.659, 229.754 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, 5.659, 229.754 by changing the saturation by 10% instead.

■ 54, 5.659, 229.754

■ 54, 5.659, 229.754

■ 100, 5.659,
229.754

■ 44, 5.659, 229.754

■ 74, 5.659, 229.754

■ 34, 5.659, 229.754

■ 84, 5.659, 229.754

■ 24, 5.659, 229.754

■ 94, 5.659, 229.754

■ 14, 5.659, 229.754

■ 4, 5.659, 229.754

■ 0, 5.659, 229.754

■ 54, 5.659, 229.754

■ 54, 5.659, 229.754

■ 52, 9.700, 230.595

■ 56, 1.406, 229.260

■ 50, 13.478,

■ 58, 3.015, 48.321

231.714

61, 7.562, 47.987

48, 16.941,
233.147

63, 12.204, 47.691

46, 20.040,
234.963

65, 16.913, 47.461

44, 22.737,
237.243

67, 21.666, 47.285

43, 25.016,
240.073

70, 26.444, 47.155

41, 26.897,
243.522

72, 31.234, 47.060

40, 28.445,
247.622

39, 29.464,
250.494

Harmonies

Complementary

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



54, 5.659, 229.754



53, 6.090, 48.046

Rectangle

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



54, 5.659, 229.754



54, 5.659, 279.754



54, 5.659, 49.754



54, 5.659, 99.754

Sweetspot

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



54, 5.659, 229.740



71, 2.153, 229.255



55, 10.460, 152.102



37, 1.540, 229.266



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



54, 5.659, 229.740



68, 8.381, 229.981



51, 8.158, 279.948



28, 2.459, 229.470



38, 28.854, 250.353



1, 1.164, 228.814

Inverse Universe

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



52, 10.430, 334.235



64, 15.589, 334.452



55, 8.069, 96.819



27, 4.480, 333.955



29, 57.928, 342.743



0, 2.065, 333.397

Previews

White Background



This preview shows how the CIELCh color 54, 5.659, 229.754 looks on a white background.

Color Contrast Check

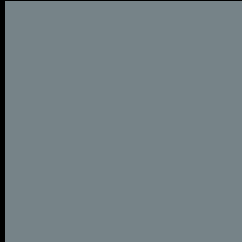
Large Text (above 18pt) WCAG AA ✓ Pass

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, 5.659, 229.754 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

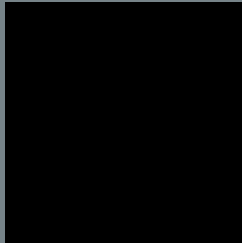
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

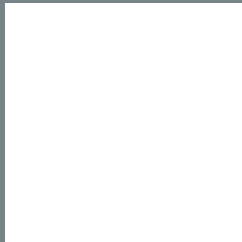
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 54, 5.659, 229.754

Background



This preview shows how black text looks on a background with the CIELCh color 54, 5.659, 229.754.



This preview shows how white text looks on a background with the CIELCh color 54, 5.659, 229.754.

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, 5.659, 229.754

Protanopia

54, 3.563, 303.270

Deuteranopia

54, 8.888, 322.792



Tritanopia
54, 7.215, 252.353

Trichromacy



Original Color

54, 5.659, 229.754

Protanomaly

54, 3.632, 271.995

Deuteranomaly

54, 5.911, 302.208

Tritanomaly

54, 6.378, 245.568

Monochromacy



Original Color

54, 5.659, 229.754

Achromatopsia

54, 0.007, 296.813

Achromatomaly

54, 2.251, 230.289

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 5.659, 229.754 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(118, 131, 136)` looks like.

```
.text, #text, p{  
    color:rgb(118, 131, 136)  
}
```

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(118, 131, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 131, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 5.659, 229.754 is called "border". The border property can be set on classes, ids or directly on the HTML element.

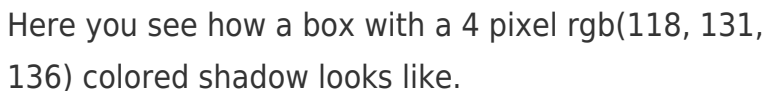
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(118, 131, 136) }
```

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

```
.border{ border-color:rgb(118, 131, 136) }
```

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



Here you see how a box with a 4 pixel `rgb(118, 131, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(118, 131, 136); -webkit-box-shadow:4px 4px 4px 4px rgb(118, 131, 136); box-shadow:4px 4px 4px 4px rgb(118, 131, 136) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 5.659, 229.754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 131, 136) }
```

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

```
.background{ background-color: rgb(118,  
131, 136) }
```

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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