

Converting Colors

CIELCh(54, 13.642, 159.283)

Have a look what the booklet for
CIELCh(54, 13.642, 159.283)
contains.

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Color

CIELCh(54, 13.760, 159.166)

Conversions

Conversions Part 1

Format	Color
Hex	6C8778
RGB	108, 135, 120
RGB Percent	42%, 53%, 47%
CMY	0.5754, 0.4695, 0.5283
CMYK	0.20, 0.00, 0.11, 0.47
HSL	147°, 11%, 48%
HSV	147°, 20%, 53%
XYZ	18.3277, 21.9746, 21.1324
YIQ	125.2170, -11.2770, -10.3890

Conversions

Conversions Part 2

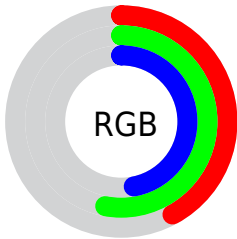
Format	Color
R_{YB}	108, 127, 135
Decimal	7112568
CIE _{Lab}	54.00, -12.86, 4.89
CIE _{LCh}	54, 13.760, 159.166
Y _{xy}	21.9746, 0.2983, 0.3577
Android (android.graphics.Color)	4285302648 (0xFF6C8778)
YUV	125.2170, -2.5720, -15.0993
Hunter-Lab	46.8770, -12.2459, 6.0857

Details

The CIELCh color $54, 13.760, 159.166$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $49, 14.016, 342.345$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 13.592, 158.822$, and $34, 13.414, 160.170$ is the 20% darker color. If you saturate the color by 10%, you get $53, 20.579, 158.196$, and if you desaturate by 10%, it is $55, 6.865, 160.043$.

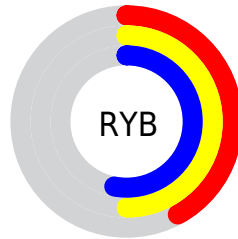
Distribution



Red (42%)

Green (53%)

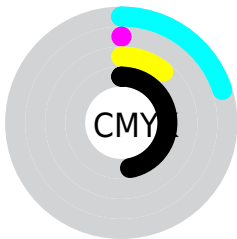
Blue (47%)



Red (42%)

Yellow (50%)

Blue (53%)

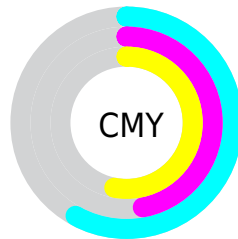


Cyan (20%)

Magenta (0%)

Yellow (11%)

Black (47%)



Cyan (58%)


Magenta (47%)


Yellow (53%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 13.760, 159.166 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, 13.760, 159.166 by changing the saturation by 10% instead.


 54, 13.760,
159.166


 54, 13.760,
159.166


 100, 13.760,
159.166


 44, 13.760,
159.166


 74, 13.760,
159.166

 34, 13.760,
159.166

 84, 13.760,
159.166

 24, 13.760,
159.166

 94, 13.760,
159.166

 14, 13.760,
159.166

 4, 13.760, 159.166

 0, 13.760, 159.166

■ 54, 13.760,
159.166

■ 54, 13.760,
159.166

■ 53, 20.579,
158.196

■ 55, 6.865, 160.043

■ 52, 27.221,
157.107

■ 56, 0.029, 330.820

■ 58, 6.857, 341.426

■ 51, 33.581,
155.876

■ 59, 13.571,
342.082

■ 51, 39.546,
154.479

■ 61, 20.139,
342.672

■ 50, 45.011,
152.898

■ 63, 26.536,
343.214

■ 50, 49.897,
151.122

■ 64, 32.752,
343.716

■ 49, 54.162,
149.154

■ 66, 38.779,
344.185

■ 49, 57.953,

147.153

■ 68, 44.618,
344.624

■ 49, 57.966,
147.146

Harmonies

Complementary

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



54, 13.760, 159.166



49, 14.016, 342.345

Rectangle

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



54, 13.760, 159.166



54, 13.760, 209.166



54, 13.760, 339.166



54, 13.760, 29.166

Sweetspot

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



54, 13.761, 159.164



71, 5.116, 160.374



55, 16.158, 125.781



37, 3.421, 160.326



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, 13.761, 159.164



68, 20.479, 158.735



54, 10.222, 192.559



28, 3.943, 160.111



48, 57.074, 147.194



1, 1.830, 160.775

Inverse Universe

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



49, 14.016, 342.345



60, 20.939, 342.757



48, 11.415, 15.514



27, 3.981, 341.423



28, 53.083, 355.740



0, 1.830, 340.766

Previews

White Background



This preview shows how the CIELCh color 54, 13.760, 159.166 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, 13.760, 159.166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

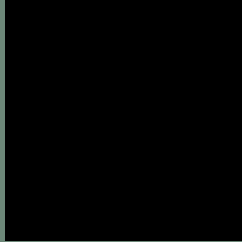
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 13.760, 159.166

Background



This preview shows how black text looks on a background with the CIELCh color 54, 13.760, 159.166.



This preview shows how white text looks on a background with the CIELCh color 54, 13.760, 159.166.

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

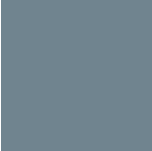
54, 13.760, 159.166

Protanopia

54, 6.779, 87.961

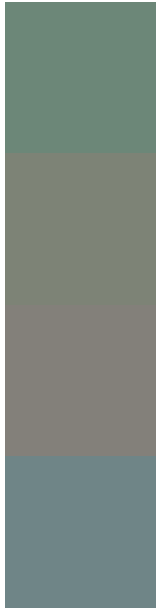
Deuteranopia

54, 8.231, 24.233



Tritanopia
54, 9.542, 240.721

Trichromacy



Original Color
54, 13.760, 159.166

Protanomaly
54, 7.868, 127.287

Deuteranomaly
54, 3.647, 90.262

Tritanomaly
54, 8.316, 206.638

Monochromacy



Original Color
54, 13.760, 159.166

Achromatopsia
52, 0.007, 296.813

Achromatomaly
53, 5.302, 158.117

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 13.760, 159.166 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(108, 135, 120)` looks like.

```
.text, #text, p{  
    color:rgb(108, 135, 120)  
}
```

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(108, 135, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 135, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 13.760, 159.166 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(108, 135, 120) }
```

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

```
.border{ border-color:rgb(108, 135, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 135, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 135, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 135, 120);  
box-shadow:4px 4px 4px 4px rgb(108, 135,  
120) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 13.760, 159.166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 135, 120) }
```

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

```
.background{ background-color: rgb(108,  
135, 120) }
```

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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