

Converting Colors

CIELCh(54, 10.979, 177.681)

Have a look what the booklet for
CIELCh(54, 10.979, 177.681)
contains.

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Color

CIELCh(54, 11.158, 177.054)

Conversions

Conversions Part 1

Format	Color
Hex	6C8780
RGB	108, 135, 128
RGB Percent	42%, 53%, 50%
CMY	0.5775, 0.4717, 0.4991
CMYK	0.20, 0.00, 0.05, 0.47
HSL	164°, 11%, 48%
HSV	164°, 20%, 53%
XYZ	18.6565, 21.9746, 23.5871
YIQ	126.1290, -13.8450, -7.9010

Conversions

Conversions Part 2

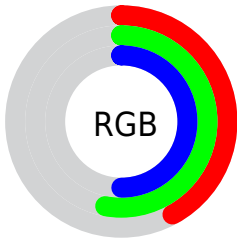
Format	Color
RYB	108, 124, 135
Decimal	7112576
CIELab	54.00, -11.14, 0.57
CIElCh	54, 11.158, 177.054
Yxy	21.9746, 0.2905, 0.3422
Android (android.graphics.Color)	4285302656 (0xFF6C8780)
YUV	126.1290, 0.9224, -15.8991
Hunter-Lab	46.8770, -10.9940, 2.9810

Details

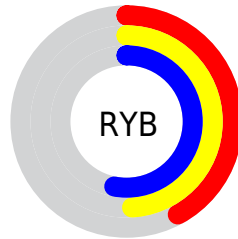
The CIELCh color $54, 11.158, 177.054$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $48, 11.902, 0.802$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 10.896, 178.189$, and $34, 10.938, 177.694$ is the 20% darker color. If you saturate the color by 10%, you get $53, 16.457, 176.036$, and if you desaturate by 10%, it is $55, 5.653, 178.020$.

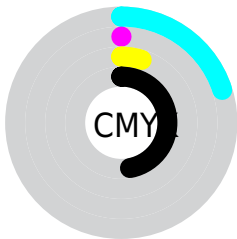
Distribution



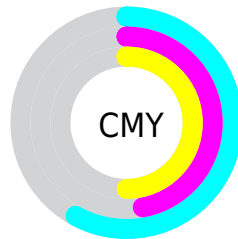
- Red (42%)
- Green (53%)
- Blue (50%)



- Red (42%)
- Yellow (49%)
- Blue (53%)



- Cyan (20%)
- Magenta (0%)
- Yellow (5%)
- Black (47%)





- Cyan (58%)
- Magenta (47%)
- Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 11.158, 177.054 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, 11.158, 177.054 by changing the saturation by 10% instead.


 54, 11.158,
177.054


 54, 11.158,
177.054


 100, 11.158,
177.054


 44, 11.158,
177.054


 74, 11.158,
177.054

 34, 11.158,
177.054

 84, 11.158,
177.054

 24, 11.158,
177.054

 94, 11.158,
177.054

 14, 11.158,
177.054

 4, 11.158, 177.054

 0, 11.158, 177.054

■ 54, 11.158,
177.054

■ 54, 11.158,
177.054

■ 53, 16.457,
176.036

■ 55, 5.653, 178.020

■ 52, 21.460,
174.949

■ 56, 0.018, 200.286

■ 57, 5.686, 359.614

■ 52, 26.081,
173.767

■ 59, 11.400, 0.447

■ 51, 30.234,
172.471

■ 60, 17.083, 1.224

■ 62, 22.705, 1.965

■ 51, 33.850,
171.038

■ 63, 28.242, 2.676

■ 50, 36.886,
169.446

■ 65, 33.680, 3.360

■ 67, 39.009, 4.020

■ 50, 39.339,
167.679

■ 50, 41.402,

165.842

Harmonies

Complementary

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



54, 11.158, 177.054



48, 11.902, 0.802

Rectangle

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



54, 11.158, 177.054



54, 11.158, 227.054



54, 11.158, 357.054



54, 11.158, 47.054

Sweetspot

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



54, 11.159, 177.050



71, 4.216, 178.412



54, 17.496, 135.887



37, 2.818, 178.355



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, 11.159, 177.050



69, 16.512, 176.601



52, 8.442, 224.479



27, 3.138, 178.111



48, 40.312, 165.918



1, 0.759, 178.855

Inverse Universe

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



48, 11.902, 0.802



60, 17.885, 1.344



50, 9.549, 42.777



26, 3.231, 359.611



26, 53.728, 22.840



0, 0.759, 358.841

Previews

White Background



This preview shows how the CIE LCh color 54, 11.158, 177.054 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 CIELCh color 54, 11.158, 177.054 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

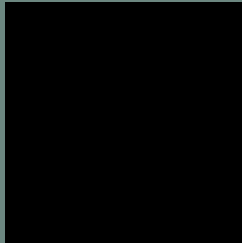
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 11.158, 177.054

Background



This preview shows how black text looks on a background with the CIELCh color 54, 11.158, 177.054.

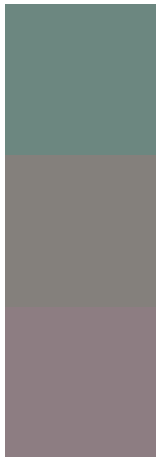


This preview shows how white text looks on a background with the CIELCh color 54, 11.158, 177.054.

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](#).

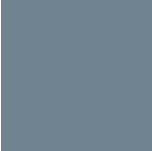
Dichromacy



Original Color
54, 11.158, 177.054

Protanopia
54, 2.796, 74.616

Deuteranopia
54, 7.045, 356.102



Tritanopia
54, 9.804, 239.348

Trichromacy



Original Color
54, 11.158, 177.054

Protanomaly
54, 4.025, 153.426

Deuteranomaly
54, 0.007, 296.813

Tritanomaly
54, 8.807, 213.878

Monochromacy



Original Color
54, 11.158, 177.054

Achromatopsia
53, 0.007, 296.813

Achromatomaly
53, 4.102, 182.680

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 11.158, 177.054 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, 128)` looks like.

```
.text, #text, p{  
    color:rgb(108, 135, 128)  
}
```

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, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 135, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 11.158, 177.054 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, 128) }
```

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

```
.border{ border-color:rgb(108, 135, 128) }
```

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, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 135, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 135, 128);  
box-shadow:4px 4px 4px 4px rgb(108, 135,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 11.158, 177.054 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, 128) }
```

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

```
.background{ background-color: rgb(108,  
135, 128) }
```

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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