

Converting Colors

CIELCh(54, 11.098, 173.680)

Have a look what the booklet for
CIELCh(54, 11.098, 173.680)
contains.

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Color

CIELCh(54, 11.085, 173.693)

Conversions

Conversions Part 1

Format	Color
Hex	6D877F
RGB	109, 135, 127
RGB Percent	43%, 53%, 50%
CMY	0.5740, 0.4720, 0.5034
CMYK	0.19, 0.00, 0.06, 0.47
HSL	162°, 11%, 48%
HSV	162°, 19%, 53%
XYZ	18.6806, 21.9746, 23.2096
YIQ	126.3140, -12.9280, -8.0000

Conversions

Conversions Part 2

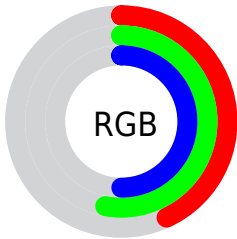
Format	Color
R_{YB}	109, 124, 135
Decimal	7178111
CIE Lab	54.00, -11.02, 1.22
CIE LCh	54, 11.085, 173.693
Yxy	21.9746, 0.2925, 0.3441
Android (android.graphics.Color)	4285368191 (0xFF6D877F)
YUV	126.3140, 0.3382, -15.1844
Hunter-Lab	46.8770, -10.9021, 3.4585

Details

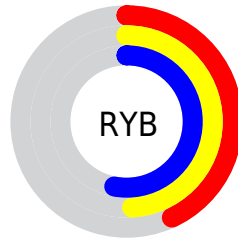
The CIELCh color $54, 11.085, 173.693$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $49, 11.681, 357.287$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 10.803, 174.926$, and $34, 10.880, 174.045$ is the 20% darker color. If you saturate the color by 10%, you get $53, 16.607, 172.659$, and if you desaturate by 10%, it is $55, 5.389, 174.669$.

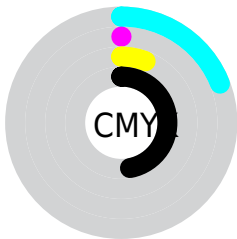
Distribution



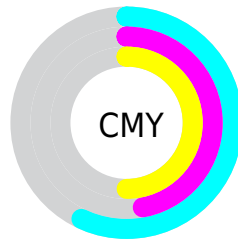
- Red (43%)
- Green (53%)
- Blue (50%)



- Red (43%)
- Yellow (49%)
- Blue (53%)



- Cyan (19%)
- Magenta (0%)
- Yellow (6%)
- Black (47%)




- Cyan (57%)
- Magenta (47%)
- Yellow (50%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 11.085, 173.693 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, 11.085, 173.693 by changing the saturation by 10% instead.


 54, 11.085,
173.693


 54, 11.085,
173.693


 100, 11.085,
173.693


 44, 11.085,
173.693


 74, 11.085,
173.693

 34, 11.085,
173.693

 84, 11.085,
173.693

 24, 11.085,
173.693

 94, 11.085,
173.693

 14, 11.085,
173.693

 4, 11.085, 173.693

 0, 11.085, 173.693

■ 54, 11.085,
173.693

■ 54, 11.085,
173.693

■ 53, 16.607,
172.659

■ 55, 5.389, 174.669

■ 52, 21.867,
171.544

■ 56, 0.408, 354.618

■ 51, 26.774,
170.324

■ 58, 6.241, 356.262

■ 51, 31.239,
168.977

■ 59, 12.059,
357.077

■ 50, 35.189,
167.478

■ 60, 17.822,
357.836

■ 50, 38.572,
165.808

■ 62, 23.502,
358.556

■ 50, 41.378,
163.951


■ 64, 29.078,
359.244

■ 50, 43.772,

■ 65, 34.538,
359.904

162.000

 67, 39.874, 0.537

 50, 43.938,
161.871

Harmonies

Complementary

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



54, 11.085, 173.693



49, 11.681, 357.287

Rectangle

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



54, 11.085, 173.693



54, 11.085, 223.693



54, 11.085, 353.693



54, 11.085, 43.693

Sweetspot

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



54, 11.086, 173.689



71, 4.331, 174.989



54, 16.599, 134.376



37, 2.894, 174.932



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, 11.086, 173.689



69, 16.354, 173.264



53, 8.330, 218.112



27, 3.226, 174.688



48, 42.798, 161.950



1, 0.778, 175.439

Inverse Universe

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



49, 11.681, 357.287



61, 17.440, 357.776



50, 9.425, 37.403



26, 3.307, 356.196



26, 52.561, 18.575



0, 0.778, 355.425

Previews

White Background



This preview shows how the CIELCh color 54, 11.085, 173.693 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, 11.085, 173.693 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

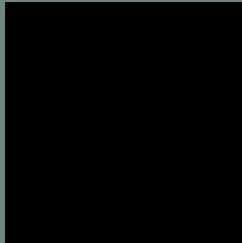
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

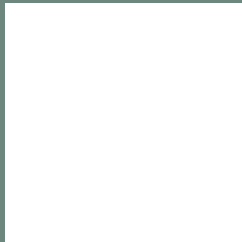
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 54, 11.085, 173.693

Background



This preview shows how black text looks on a background with the CIELCh color 54, 11.085, 173.693.



This preview shows how white text looks on a background with the CIELCh color 54, 11.085, 173.693.

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

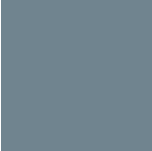
54, 11.085, 173.693

Protanopia

54, 3.285, 80.291

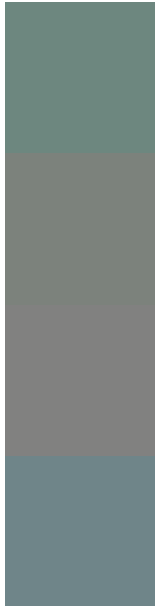
Deuteranopia

54, 6.844, 0.523



Tritanopia
54, 9.542, 240.721

Trichromacy



Original Color
54, 11.085, 173.693

Protanomaly
54, 4.222, 144.236

Deuteranomaly
54, 0.569, 110.025

Tritanomaly
54, 8.467, 214.537

Monochromacy



Original Color
54, 11.085, 173.693

Achromatopsia
53, 0.007, 296.813

Achromatomaly
53, 3.966, 173.167

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 11.085, 173.693 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(109, 135, 127)` looks like.

```
.text, #text, p{  
    color:rgb(109, 135, 127)  
}
```

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(109, 135, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 135, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 11.085, 173.693 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(109, 135, 127) }
```

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

```
.border{ border-color:rgb(109, 135, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 135, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 135, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 135, 127);  
box-shadow:4px 4px 4px 4px rgb(109, 135,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 11.085, 173.693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 135, 127) }
```

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

```
.background{ background-color: rgb(109,  
135, 127) }
```

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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