

Converting Colors

CIELCh(54, 11.869, 183.961)

Have a look what the booklet for
CIELCh(54, 11.869, 183.961)
contains.

CIELCh(54, 11.742, 183.970)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(54, 11.742, 183.970)

Conversions

Conversions Part 1

Format	Color
Hex	698782
RGB	105, 135, 130
RGB Percent	41%, 53%, 51%
CMY	0.5879, 0.4702, 0.4899
CMYK	0.22, 0.00, 0.04, 0.47
HSL	170°, 12%, 47%
HSV	170°, 22%, 53%
XYZ	18.5468, 21.9746, 24.4133
YIQ	125.4600, -16.2750, -7.9150

Conversions

Conversions Part 2

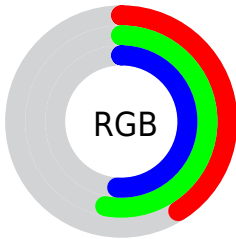
Format	Color
RYB	105, 121, 135
Decimal	6915970
CIELab	54.00, -11.71, -0.81
CIELCh	54, 11.742, 183.970
Yxy	21.9746, 0.2856, 0.3384
Android (android.graphics.Color)	4285106050 (0xFF698782)
YUV	125.4600, 2.2382, -17.9434
Hunter-Lab	46.8770, -11.4117, 1.9360

Details

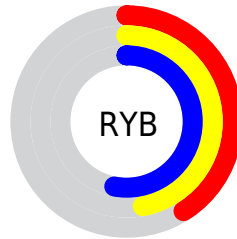
The CIELCh color $54, 11.742, 183.970$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $48, 12.925, 7.969$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 11.507, 184.875$, and $34, 11.500, 185.132$ is the 20% darker color. If you saturate the color by 10%, you get $53, 16.631, 183.047$, and if you desaturate by 10%, it is $55, 6.574, 184.861$.

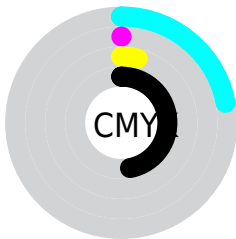
Distribution



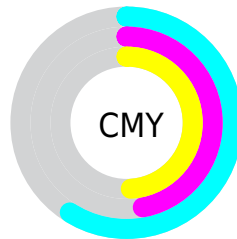
- Red (41%)
- Green (53%)
- Blue (51%)



- Red (41%)
- Yellow (47%)
- Blue (53%)



- Cyan (22%)
- Magenta (0%)
- Yellow (4%)
- Black (47%)





- Cyan (59%)
- Magenta (47%)
- Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 11.742, 183.970 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, 11.742, 183.970 by changing the saturation by 10% instead.


 54, 11.742,
183.970


 54, 11.742,
183.970


 100, 11.742,
183.970


 44, 11.742,
183.970


 74, 11.742,
183.970

 34, 11.742,
183.970

 84, 11.742,
183.970

 24, 11.742,
183.970

 94, 11.742,
183.970

 14, 11.742,
183.970

 4, 11.742, 183.970

 0, 11.742, 183.970

■ 54, 11.742,
183.970

■ 54, 11.742,
183.970

■ 53, 16.631,
183.047

■ 55, 6.574, 184.861

■ 52, 21.154,
182.083

■ 56, 1.204, 185.961

■ 57, 4.296, 6.356

■ 52, 25.226,
181.058

■ 59, 9.868, 7.191

■ 51, 28.771,
179.955

■ 60, 15.462, 7.968

■ 61, 21.041, 8.716

■ 51, 31.733,
178.753

■ 63, 26.577, 9.442

■ 50, 34.086,
177.434

■ 65, 32.049, 10.147

■ 66, 37.443, 10.831

■ 50, 35.842,
175.978

■ 50, 36.987,

174.817

Harmonies

Complementary

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



54, 11.742, 183.970



48, 12.925, 7.969

Rectangle

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



54, 11.742, 183.970



54, 11.742, 233.970



54, 11.742, 3.970



54, 11.742, 53.970

Sweetspot

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



54, 11.743, 183.966



71, 4.710, 185.328



54, 19.949, 138.219



37, 3.083, 185.282



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, 11.743, 183.966



68, 17.502, 183.475



51, 9.245, 235.708



27, 3.004, 185.143



48, 35.957, 174.882



1, 0.730, 185.832

Inverse Universe

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



48, 12.925, 7.969



59, 19.760, 8.644



50, 10.421, 52.109



26, 3.121, 6.545



26, 56.733, 30.139



0, 0.730, 5.817

Previews

White Background



This preview shows how the CIELCh color 54, 11.742, 183.970 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, 11.742, 183.970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

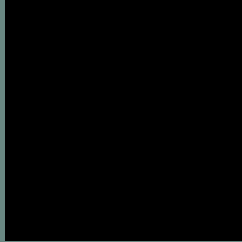
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 11.742, 183.970

Background



This preview shows how black text looks on a background with the CIELCh color 54, 11.742, 183.970.



This preview shows how white text looks on a background with the CIELCh color 54, 11.742, 183.970.

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, 11.742, 183.970

Protanopia
54, 1.963, 55.169

Deuteranopia
54, 7.230, 346.341



Tritanopia
54, 10.874, 234.556

Trichromacy



Original Color
54, 11.742, 183.970

Protanomaly
54, 4.254, 166.262

Deuteranomaly
54, 1.389, 255.973

Tritanomaly
54, 10.245, 214.925

Monochromacy



Original Color
54, 11.742, 183.970

Achromatopsia
53, 0.007, 296.813

Achromatomaly
53, 4.472, 184.015

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 11.742, 183.970 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(105, 135, 130)` looks like.

```
.text, #text, p{  
    color:rgb(105, 135, 130)  
}
```

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(105, 135, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 135, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 11.742, 183.970 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(105, 135, 130) }
```

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

```
.border{ border-color:rgb(105, 135, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 135, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 135, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 135, 130);  
box-shadow:4px 4px 4px 4px rgb(105, 135,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 11.742, 183.970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 135, 130) }
```

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

```
.background{ background-color: rgb(105,  
135, 130) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor