

Converting Colors

CIELCh(54, 19.149, 143.214)

Have a look what the booklet for
CIELCh(54, 19.149, 143.214)
contains.

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Color

CIELCh(54, 19.013, 143.225)

Conversions

Conversions Part 1

Format	Color
Hex	6D886D
RGB	109, 136, 109
RGB Percent	43%, 53%, 43%
CMY	0.5724, 0.4665, 0.5724
CMYK	0.20, 0.00, 0.20, 0.47
HSL	120°, 11%, 48%
HSV	120°, 20%, 53%
XYZ	17.8805, 21.9746, 17.7752
YIQ	124.8490, -7.4250, -14.1210

Conversions

Conversions Part 2

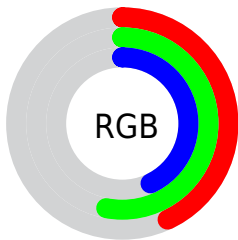
Format	Color
RYB	109, 136, 136
Decimal	7178349
CIELab	54.00, -15.23, 11.38
CIELCh	54, 19.013, 143.225
Yxy	21.9746, 0.3103, 0.3813
Android (android.graphics.Color)	4285368429 (0xFF6D886D)
YUV	124.8490, -7.8136, -13.8996
Hunter-Lab	46.8770, -13.9489, 10.3319

Details

The CIELCh color $54, 19.013, 143.225$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $49, 19.028, 325.481$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 18.531, 143.550$, and $34, 19.098, 142.633$ is the 20% darker color. If you saturate the color by 10%, you get $53, 28.590, 142.446$, and if you desaturate by 10%, it is $55, 9.393, 143.902$.

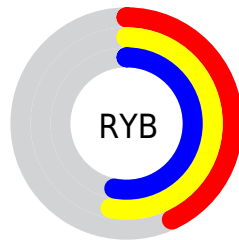
Distribution



Red (43%)

Green (53%)

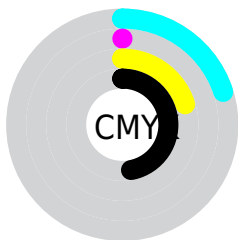
Blue (43%)



Red (43%)

Yellow (53%)

Blue (53%)

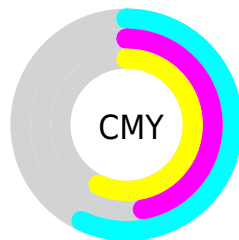


Cyan (20%)

Magenta (0%)

Yellow (20%)

Black (47%)



Cyan (57%)


Magenta (47%)


Yellow (57%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 19.013, 143.225 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, 19.013, 143.225 by changing the saturation by 10% instead.


 54, 19.013,
143.225


 54, 19.013,
143.225


 100, 19.013,
143.225


 44, 19.013,
143.225


 74, 19.013,
143.225

 34, 19.013,
143.225


 84, 19.013,
143.225

 24, 19.013,
143.225

 94, 19.013,
143.225

 14, 19.013,
143.225

 4, 19.013, 143.225

 0, 19.013, 143.225

■ 54, 19.013,
143.225

■ 54, 19.013,
143.225

■ 53, 28.590,
142.446

■ 55, 9.393, 143.902

■ 52, 37.952,
141.553

■ 57, 0.148, 323.136

■ 58, 9.520, 324.912

■ 51, 46.884,
140.551

■ 60, 18.665,
325.332

■ 50, 55.118,
139.470

■ 62, 27.545,
325.683

■ 50, 62.333,
138.373

■ 64, 36.143,
325.982

■ 49, 68.167,
137.367

■ 66, 44.451,
326.237

■ 49, 72.282,
136.585

■ 68, 52.473,
326.456

■ 49, 75.043,

136.025

■ 70, 60.217,
326.644

■ 49, 75.085,
136.016

Harmonies

Complementary

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



54, 19.013, 143.225



49, 19.028, 325.481

Rectangle

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



54, 19.013, 143.225



54, 19.013, 193.225



54, 19.013, 323.225



54, 19.013, 13.225

Sweetspot

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



54, 19.014, 143.225



71, 7.039, 144.137



56, 15.320, 108.324



37, 4.708, 144.103



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, 19.014, 143.225



68, 28.381, 142.875



54, 13.177, 161.989



28, 5.432, 143.946



48, 73.707, 136.016



1, 2.511, 144.443

Inverse Universe

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



49, 19.028, 325.481



61, 28.393, 325.727



49, 13.498, 345.314



27, 5.441, 324.904



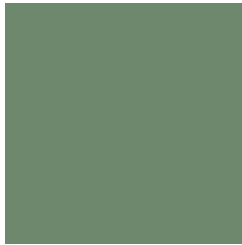
31, 71.115, 328.233



0, 2.512, 324.439

Previews

White Background



This preview shows how the CIELCh color 54, 19.013, 143.225 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, 19.013, 143.225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

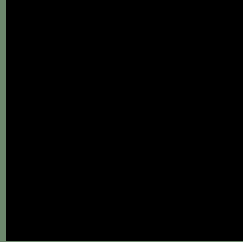
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 19.013, 143.225

Background



This preview shows how black text looks on a background with the CIELCh color 54, 19.013, 143.225.



This preview shows how white text looks on a background with the CIELCh color 54, 19.013, 143.225.

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](#).

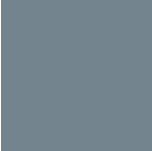
Dichromacy



Original Color
54, 19.013, 143.225

Protanopia
54, 13.630, 94.013

Deuteranopia
54, 12.014, 54.999



Tritanopia
54, 8.409, 242.398

Trichromacy



Original Color
54, 19.013, 143.225

Protanomaly
54, 14.462, 116.741

Deuteranomaly
54, 9.981, 96.839

Tritanomaly
54, 7.901, 185.955

Monochromacy



Original Color
54, 19.013, 143.225

Achromatopsia
52, 0.007, 296.813

Achromatomaly
53, 7.067, 144.037

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 19.013, 143.225 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, 136, 109)` looks like.

```
.text, #text, p{  
    color:rgb(109, 136, 109)  
}
```

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, 136, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 136, 109) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 19.013, 143.225 is called "border". The border property can be set on classes, ids or directly on the HTML element.

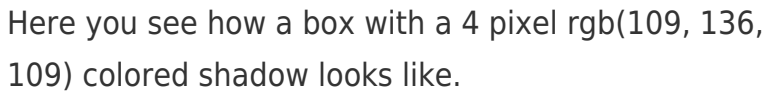
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(109, 136, 109) }
```

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

```
.border{ border-color:rgb(109, 136, 109) }
```

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



Here you see how a box with a 4 pixel `rgb(109, 136, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(109, 136, 109); -webkit-box-shadow:4px 4px 4px 4px rgb(109, 136, 109); box-shadow:4px 4px 4px 4px rgb(109, 136, 109) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 19.013, 143.225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 136, 109) }
```

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

```
.background{ background-color: rgb(109,  
136, 109) }
```

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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