

Converting Colors

CIELCh(54, 11.627, 145.497)

Have a look what the booklet for
CIELCh(54, 11.627, 145.497)
contains.

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Color

CIELCh(54, 12.206, 145.182)

Conversions

Conversions Part 1

Format	Color
Hex	748675
RGB	116, 134, 117
RGB Percent	45%, 53%, 46%
CMY	0.5459, 0.4753, 0.5419
CMYK	0.13, 0.00, 0.13, 0.48
HSL	123°, 7%, 49%
HSV	123°, 13%, 52%
XYZ	18.8735, 21.9746, 20.0164
YIQ	126.6800, -5.2710, -9.1030

Conversions

Conversions Part 2

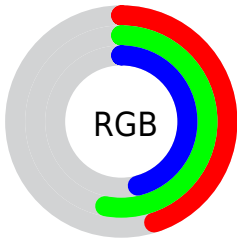
Format	Color
RYB	116, 133, 134
Decimal	7636597
CIELab	54.00, -10.02, 6.97
CIElCh	54, 12.206, 145.182
Yxy	21.9746, 0.3101, 0.3610
Android (android.graphics.Color)	4285826677 (0xFF748675)
YUV	126.6800, -4.7722, -9.3664
Hunter-Lab	46.8770, -10.1676, 7.4973

Details

The CIELCh color $54, 12.206, 145.182$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $51, 12.225, 326.681$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 12.122, 145.297$, and $34, 11.747, 145.059$ is the 20% darker color. If you saturate the color by 10%, you get $53, 21.347, 144.461$, and if you desaturate by 10%, it is $55, 3.108, 145.842$.

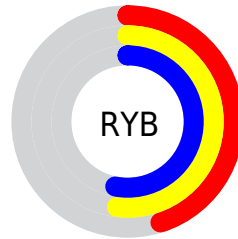
Distribution



Red (45%)

Green (53%)

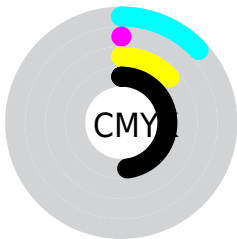
Blue (46%)



Red (45%)

Yellow (52%)

Blue (53%)

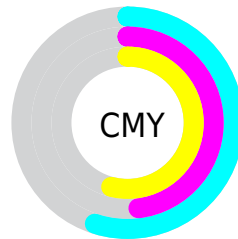


Cyan (13%)

Magenta (0%)

Yellow (13%)

Black (48%)



Cyan (55%)


Magenta (48%)


Yellow (54%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 12.206, 145.182 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, 12.206, 145.182 by changing the saturation by 10% instead.


 54, 12.206,
145.182


 54, 12.206,
145.182


 100, 12.206,
145.182


 44, 12.206,
145.182


 74, 12.206,
145.182

 34, 12.206,
145.182

 84, 12.206,
145.182

 24, 12.206,
145.182

 94, 12.206,
145.182

 14, 12.206,
145.182

 4, 12.206, 145.182

 0, 12.206, 145.182

■ 54, 12.206,
145.182

■ 54, 12.206,
145.182

■ 53, 21.347,
144.461

■ 55, 3.108, 145.842

■ 52, 30.400,
143.628

■ 57, 5.860, 326.266

■ 51, 39.202,
142.674

■ 58, 14.632,
326.733

■ 50, 47.552,
141.601

■ 60, 23.166,
327.122

■ 49, 55.208,
140.431

■ 62, 31.438,
327.453

■ 49, 61.895,
139.218

■ 64, 39.440,
327.739


■ 49, 67.320,
138.054


■ 66, 47.169,
327.987

■ 48, 71.215,

■ 68, 54.632,
328.203

137.065

 70, 61.839,
328.392

 48, 73.013,
136.674

Harmonies

Complementary

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



54, 12.206, 145.182



51, 12.225, 326.681

Rectangle

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



54, 12.206, 145.182



54, 12.206, 195.182



54, 12.206, 325.182



54, 12.206, 15.182

Sweetspot

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



54, 12.207, 145.182



70, 4.455, 145.796



55, 10.272, 110.996



36, 3.155, 145.750



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



54, 12.207, 145.182



68, 17.969, 144.983



54, 8.505, 165.329



27, 5.067, 145.467



47, 71.488, 136.696



1, 1.209, 145.969

Inverse Universe

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



51, 12.225, 326.681



64, 17.992, 326.842



51, 8.683, 347.556



26, 5.076, 326.437



30, 67.218, 330.503



0, 1.209, 325.964

Previews

White Background



This preview shows how the CIE LCh color 54, 12.206, 145.182 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, 12.206, 145.182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

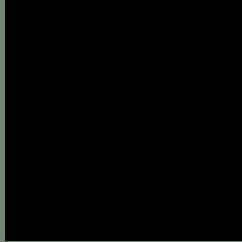
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 12.206, 145.182

Background



This preview shows how black text looks on a background with the CIELCh color 54, 12.206, 145.182.



This preview shows how white text looks on a background with the CIELCh color 54, 12.206, 145.182.

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

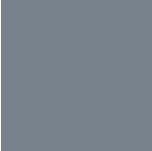
54, 12.206, 145.182

Protanopia

54, 8.548, 89.224

Deuteranopia

54, 9.204, 38.346



Tritanopia
54, 7.289, 259.978

Trichromacy



Original Color
54, 12.206, 145.182

Protanomaly
54, 8.649, 114.563

Deuteranomaly
54, 6.244, 86.161

Tritanomaly
54, 5.023, 205.588

Monochromacy



Original Color
54, 12.206, 145.182

Achromatopsia
53, 0.007, 296.813

Achromatomaly
53, 4.470, 148.342

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 12.206, 145.182 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(116, 134, 117)` looks like.

```
.text, #text, p{  
    color:rgb(116, 134, 117)  
}
```

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(116, 134, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 134, 117) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 12.206, 145.182 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(116, 134, 117) }
```

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

```
.border{ border-color:rgb(116, 134, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 134, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 134, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 134, 117);  
box-shadow:4px 4px 4px 4px rgb(116, 134,  
117) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 12.206, 145.182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 134, 117) }
```

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

```
.background{ background-color: rgb(116,  
134, 117) }
```

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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