

Converting Colors

CIELCh(54, 11.048, 147.054)

Have a look what the booklet for
CIELCh(54, 11.048, 147.054)
contains.

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Color

CIELCh(54, 11.048, 147.054)

Conversions

Conversions Part 1

Format	Color
Hex	748576
RGB	116, 133, 118
RGB Percent	45%, 52%, 46%
CMY	0.5432, 0.4765, 0.5354
CMYK	0.13, 0.00, 0.11, 0.48
HSL	127°, 7%, 49%
HSV	127°, 13%, 52%
XYZ	19.0194, 21.9746, 20.5280
YIQ	126.2070, -5.3170, -8.2690

Conversions

Conversions Part 2

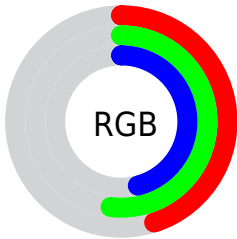
Format	Color
R_{YB}	116, 131, 133
Decimal	7636342
CIE _{Lab}	54.00, -9.27, 6.01
CIE _{LCh}	54, 11.048, 147.054
Y _{xy}	21.9746, 0.3091, 0.3572
Android (android.graphics.Color)	4285826422 (0xFF748576)
Y _{UV}	126.2070, -4.0461, -8.9515
Hunter-Lab	46.8770, -9.6122, 6.8501

Details

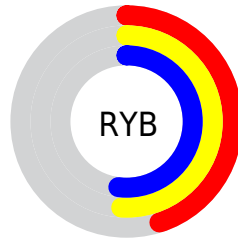
The CIELCh color $54, 11.048, 147.054$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $51, 11.072, 328.511$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 11.032, 147.045$, and $34, 10.496, 147.235$ is the 20% darker color. If you saturate the color by 10%, you get $53, 19.784, 146.322$, and if you desaturate by 10%, it is $55, 2.359, 147.747$.

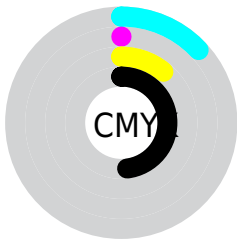
Distribution



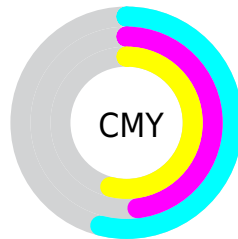
- Red (45%)
- Green (52%)
- Blue (46%)



- Red (45%)
- Yellow (51%)
- Blue (52%)



- Cyan (13%)
- Magenta (0%)
- Yellow (11%)
- Black (48%)





- Cyan (54%)
- Magenta (48%)
- Yellow (54%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 11.048, 147.054 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, 11.048, 147.054 by changing the saturation by 10% instead.


 54, 11.048,
147.054


 54, 11.048,
147.054


 100, 11.048,
147.054


 44, 11.048,
147.054


 74, 11.048,
147.054

 34, 11.048,
147.054

 84, 11.048,
147.054

 24, 11.048,
147.054

 94, 11.048,
147.054

 14, 11.048,
147.054

 4, 11.048, 147.054

 0, 11.048, 147.054

■ 54, 11.048,
147.054

■ 54, 11.048,
147.054

■ 53, 19.784,
146.322

■ 55, 2.359, 147.747

■ 52, 28.450,
145.479

■ 57, 6.202, 328.157

■ 51, 36.902,
144.509

■ 58, 14.577,
328.639

■ 50, 44.966,
143.404

■ 60, 22.726,
329.044

■ 49, 52.441,
142.173

■ 62, 30.628,
329.394

■ 49, 59.103,
140.844

■ 64, 38.272,
329.700

■ 49, 64.724,
139.480

■ 66, 45.658,
329.968

■ 48, 69.086,

■ 68, 52.791,
330.206

138.179

70, 59.679,
330.417

48, 71.498,
137.474

Harmonies

Complementary

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



54, 11.048, 147.054



51, 11.072, 328.511

Rectangle

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



54, 11.048, 147.054



54, 11.048, 197.054



54, 11.048, 327.054



54, 11.048, 17.054

Sweetspot

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



54, 11.049, 147.054



70, 4.266, 147.639



55, 9.749, 113.792



36, 3.021, 147.591



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, 11.049, 147.054



68, 16.123, 146.873



54, 7.679, 169.374



27, 4.852, 147.298



47, 70.103, 137.508



1, 1.158, 147.814

Inverse Universe

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



51, 11.072, 328.511



64, 16.155, 328.663



51, 7.880, 351.558



26, 4.863, 328.297



29, 64.120, 333.371



0, 1.158, 327.809

Previews

White Background



This preview shows how the CIELCh color 54, 11.048, 147.054 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, 11.048, 147.054 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

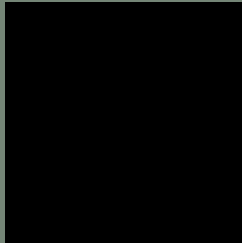
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 11.048, 147.054

Background



This preview shows how black text looks on a background with the CIELCh color 54, 11.048, 147.054.



This preview shows how white text looks on a background with the CIELCh color 54, 11.048, 147.054.

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

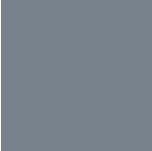
54, 11.048, 147.054

Protanopia

54, 7.319, 89.484

Deuteranopia

54, 8.603, 35.642



Tritanopia
54, 7.289, 259.978

Trichromacy



Original Color
54, 11.048, 147.054

Protanomaly
54, 7.510, 115.502

Deuteranomaly
54, 5.414, 77.546

Tritanomaly
54, 4.730, 213.181

Monochromacy



Original Color
54, 11.048, 147.054

Achromatopsia
53, 0.007, 296.813

Achromatomaly
53, 3.764, 149.175

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 11.048, 147.054 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(116, 133, 118)` looks like.

```
.text, #text, p{  
    color:rgb(116, 133, 118)  
}
```

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, 133, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 133, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 11.048, 147.054 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(116, 133, 118) }
```

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

```
.border{ border-color:rgb(116, 133, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 133, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 133, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 133, 118);  
box-shadow:4px 4px 4px 4px rgb(116, 133,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 11.048, 147.054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 133, 118) }
```

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

```
.background{ background-color: rgb(116,  
133, 118) }
```

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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