

Converting Colors

CIELCh(54, 16.269, 149.957)

Have a look what the booklet for
CIELCh(54, 16.269, 149.957)
contains.

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Color

CIELCh(54, 16.247, 149.968)

Conversions

Conversions Part 1

Format	Color
Hex	6D8873
RGB	109, 136, 115
RGB Percent	43%, 53%, 45%
CMY	0.5738, 0.4680, 0.5503
CMYK	0.20, 0.00, 0.15, 0.47
HSL	133°, 11%, 48%
HSV	133°, 20%, 53%
XYZ	18.0992, 21.9746, 19.4090
YIQ	125.5330, -9.3510, -12.2550

Conversions

Conversions Part 2

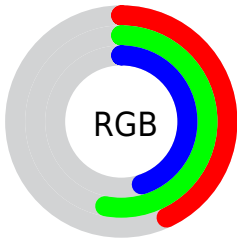
Format	Color
R_{YB}	109, 131, 136
Decimal	7178355
CIE _{Lab}	54.00, -14.07, 8.13
CIE _{LCh}	54, 16.247, 149.968
Yxy	21.9746, 0.3043, 0.3694
Android (android.graphics.Color)	4285368435 (0xFF6D8873)
YUV	125.5330, -5.1928, -14.4994
Hunter-Lab	46.8770, -13.1160, 8.2655

Details

The CIELCh color $54, 16.247, 149.968$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $49, 16.324, 332.548$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 15.930, 150.047$, and $34, 16.103, 149.948$ is the 20% darker color. If you saturate the color by 10%, you get $53, 24.410, 149.116$, and if you desaturate by 10%, it is $55, 8.050, 150.717$.

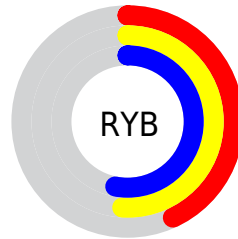
Distribution



Red (43%)

Green (53%)

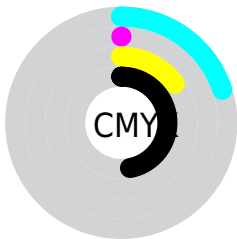
Blue (45%)



Red (43%)

Yellow (51%)

Blue (53%)

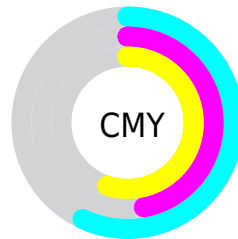


Cyan (20%)

Magenta (0%)

Yellow (15%)

Black (47%)



Cyan (57%)

Magenta (47%)

Yellow (55%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 16.247, 149.968 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, 16.247, 149.968 by changing the saturation by 10% instead.


 54, 16.247,
149.968


 54, 16.247,
149.968


 100, 16.247,
149.968

 44, 16.247,
149.968


 74, 16.247,
149.968

 34, 16.247,
149.968

 84, 16.247,
149.968

 24, 16.247,
149.968

 94, 16.247,
149.968

 14, 16.247,
149.968

 4, 16.247, 149.968

 0, 16.247, 149.968

■ 54, 16.247,
149.968

■ 54, 16.247,
149.968

■ 53, 24.410,
149.116

■ 55, 8.050, 150.717

■ 57, 0.090, 328.700

■ 52, 32.417,
148.137

■ 58, 8.102, 331.855

■ 51, 40.126,
147.013

■ 60, 15.934,
332.359

■ 50, 47.379,
145.733

■ 61, 23.556,
332.796

■ 50, 54.013,
144.298

■ 63, 30.947,
333.183

■ 49, 59.868,
142.728

■ 65, 38.100,
333.529

■ 49, 64.809,
141.072

■ 67, 45.013,
333.840

■ 49, 68.856,

139.540

■ 69, 51.691,
334.121

■ 49, 68.895,
139.527

Harmonies

Complementary

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



54, 16.247, 149.968



49, 16.324, 332.548

Rectangle

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



54, 16.247, 149.968



54, 16.247, 199.968



54, 16.247, 329.968



54, 16.247, 19.968

Sweetspot

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



54, 16.248, 149.968



71, 6.019, 150.986



55, 15.542, 117.361



37, 4.026, 150.947



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, 16.248, 149.968



68, 24.247, 149.588



54, 11.312, 175.330



28, 4.644, 150.769



48, 67.698, 139.568



1, 2.149, 151.323

Inverse Universe

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



49, 16.324, 332.548



61, 24.372, 332.855



49, 11.999, 359.064



27, 4.661, 331.849



29, 60.171, 339.165



0, 2.149, 331.317

Previews

White Background



This preview shows how the CIELCh color 54, 16.247, 149.968 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, 16.247, 149.968 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

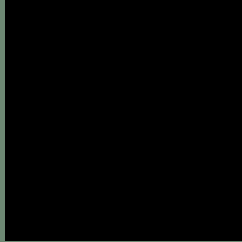
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 16.247, 149.968

Background



This preview shows how black text looks on a background with the CIELCh color 54, 16.247, 149.968.



This preview shows how white text looks on a background with the CIELCh color 54, 16.247, 149.968.

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](#).

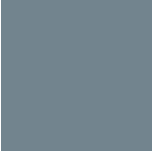
Dichromacy



Original Color
54, 16.247, 149.968

Protanopia
54, 10.191, 92.191

Deuteranopia
54, 10.072, 43.668



Tritanopia
54, 8.670, 240.769

Trichromacy



Original Color
54, 16.247, 149.968

Protanomaly
54, 11.183, 121.617

Deuteranomaly
54, 7.084, 95.833

Tritanomaly
54, 8.021, 194.492

Monochromacy



Original Color
54, 16.247, 149.968

Achromatopsia
52, 0.007, 296.813

Achromatomaly
53, 6.141, 150.087

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 16.247, 149.968 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, 115)` looks like.

```
.text, #text, p{  
    color:rgb(109, 136, 115)  
}
```

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, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 136, 115) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 16.247, 149.968 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, 115) }
```

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

```
.border{ border-color:rgb(109, 136, 115) }
```

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, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 136, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 136, 115);  
box-shadow:4px 4px 4px 4px rgb(109, 136,  
115) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 16.247, 149.968 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, 115) }
```

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

```
.background{ background-color: rgb(109,  
136, 115) }
```

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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