

Converting Colors

CIELCh(54, 16.332, 147.638)

Have a look what the booklet for
CIELCh(54, 16.332, 147.638)
contains.

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Color

CIELCh(54, 16.441, 147.730)

Conversions

Conversions Part 1

Format	Color
Hex	6E8872
RGB	110, 136, 114
RGB Percent	43%, 53%, 45%
CMY	0.5703, 0.4684, 0.5546
CMYK	0.19, 0.00, 0.16, 0.47
HSL	129°, 11%, 48%
HSV	129°, 19%, 53%
XYZ	18.1302, 21.9746, 19.0764
YIQ	125.7180, -8.4340, -12.3540

Conversions

Conversions Part 2

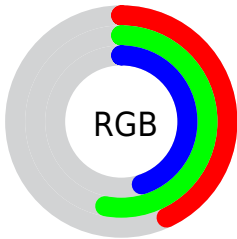
Format	Color
RYB	110, 133, 136
Decimal	7243890
CIELab	54.00, -13.90, 8.78
CIElCh	54, 16.441, 147.730
Yxy	21.9746, 0.3064, 0.3713
Android (android.graphics.Color)	4285433970 (0xFF6E8872)
YUV	125.7180, -5.7770, -13.7847
Hunter-Lab	46.8770, -12.9979, 8.6861

Details

The CIELCh color $54, 16.441, 147.730$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $49, 16.486, 330.080$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 16.111, 147.875$, and $34, 16.318, 147.553$ is the 20% darker color. If you saturate the color by 10%, you get $53, 25.029, 146.915$, and if you desaturate by 10%, it is $55, 7.830, 148.444$.

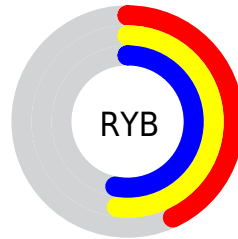
Distribution



Red (43%)

Green (53%)

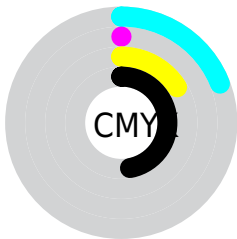
Blue (45%)



Red (43%)

Yellow (52%)

Blue (53%)

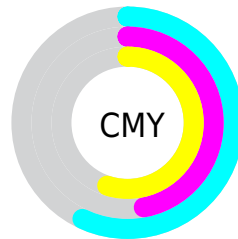


Cyan (19%)

Magenta (0%)

Yellow (16%)

Black (47%)



Cyan (57%)


Magenta (47%)


Yellow (55%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 16.441, 147.730 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, 16.441, 147.730 by changing the saturation by 10% instead.


 54, 16.441,
147.730


 54, 16.441,
147.730


 100, 16.441,
147.730


 44, 16.441,
147.730


 74, 16.441,
147.730

 34, 16.441,
147.730

 84, 16.441,
147.730

 24, 16.441,
147.730

 94, 16.441,
147.730

 14, 16.441,
147.730

 4, 16.441, 147.730

 0, 16.441, 147.730

■ 54, 16.441,
147.730

■ 54, 16.441,
147.730

■ 53, 25.029,
146.915

■ 55, 7.830, 148.444

■ 57, 0.708, 328.704

■ 52, 33.463,
145.975

■ 58, 9.099, 329.516

■ 51, 41.586,
144.897

■ 60, 17.292,
329.980

■ 50, 49.218,
143.677

■ 61, 25.256,
330.380

■ 50, 56.162,
142.328

■ 63, 32.972,
330.729

■ 49, 62.215,
140.886


■ 65, 40.434,
331.037

■ 49, 67.183,
139.423

■ 67, 47.642,
331.310

■ 49, 71.005,

138.146

 69, 54.604,
331.554

 49, 71.280,
138.065

Harmonies

Complementary

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



54, 16.441, 147.730



49, 16.486, 330.080

Rectangle

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



54, 16.441, 147.730



54, 16.441, 197.730



54, 16.441, 327.730



54, 16.441, 17.730

Sweetspot

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



54, 16.442, 147.730



71, 6.323, 148.651



56, 14.864, 114.679



37, 4.229, 148.613



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, 16.442, 147.730



68, 24.426, 147.391



54, 11.389, 170.869



28, 4.879, 148.444



48, 70.096, 138.098



1, 2.257, 148.975

Inverse Universe

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



49, 16.486, 330.080



61, 24.493, 330.344



49, 11.905, 354.400



27, 4.892, 329.473



30, 63.256, 335.253



0, 2.257, 328.969

Previews

White Background



This preview shows how the CIELCh color 54, 16.441, 147.730 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, 16.441, 147.730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

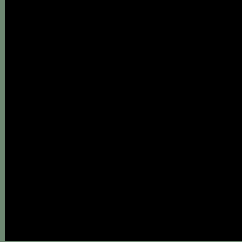
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

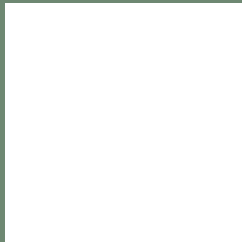
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 54, 16.441, 147.730

Background



This preview shows how black text looks on a background with the CIELCh color 54, 16.441, 147.730.



This preview shows how white text looks on a background with the CIELCh color 54, 16.441, 147.730.

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

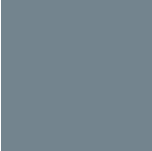
54, 16.441, 147.730

Protanopia

54, 10.743, 92.962

Deuteranopia

54, 10.344, 46.479



Tritanopia
54, 8.409, 242.398

Trichromacy



Original Color
54, 16.441, 147.730

Protanomaly
54, 11.653, 118.995

Deuteranomaly
54, 7.744, 93.721

Tritanomaly
54, 7.657, 194.337

Monochromacy



Original Color
54, 16.441, 147.730

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, 16.441, 147.730 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(110, 136, 114)` looks like.

```
.text, #text, p{  
    color:rgb(110, 136, 114)  
}
```

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(110, 136, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 136, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 16.441, 147.730 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(110, 136, 114) }
```

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

```
.border{ border-color:rgb(110, 136, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 136, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 136, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 136, 114);  
box-shadow:4px 4px 4px 4px rgb(110, 136,  
114) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 16.441, 147.730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 136, 114) }
```

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

```
.background{ background-color: rgb(110,  
136, 114) }
```

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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