

Converting Colors

CIELCh(57, 18.139, 144.651)

Have a look what the booklet for
CIELCh(57, 18.139, 144.651)
contains.

CIELCh(57, 18.343, 144.288)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(57, 18.343, 144.288)

Conversions

Conversions Part 1

Format	Color
Hex	759076
RGB	117, 144, 118
RGB Percent	46%, 56%, 46%
CMY	0.5423, 0.4364, 0.5383
CMYK	0.19, 0.00, 0.18, 0.44
HSL	122°, 11%, 51%
HSV	122°, 19%, 56%
XYZ	20.4812, 24.9227, 20.7835
YIQ	132.9630, -7.7460, -13.8100

Conversions

Conversions Part 2

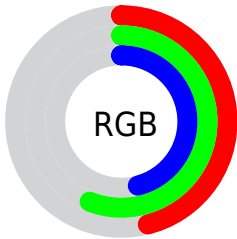
Format	Color
R_{YB}	117, 143, 144
Decimal	7704694
CIE _{Lab}	57.00, -14.89, 10.71
CIE _{LCh}	57, 18.343, 144.288
Yxy	24.9227, 0.3094, 0.3765
Android (android.graphics.Color)	4285894774 (0xFF759076)
YUV	132.9630, -7.3768, -13.9996
Hunter-Lab	49.9226, -14.1333, 10.2625

Details

The CIELCh color $57, 18.343, 144.288$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $52, 18.363, 326.453$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 18.584, 144.483$, and $37, 18.557, 144.815$ is the 20% darker color. If you saturate the color by 10%, you get $56, 28.125, 143.507$, and if you desaturate by 10%, it is $58, 8.535, 144.967$.

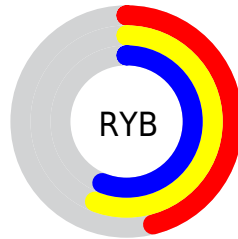
Distribution



Red (46%)

Green (56%)

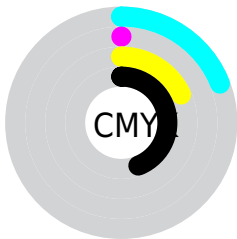
Blue (46%)



Red (46%)

Yellow (56%)

Blue (56%)

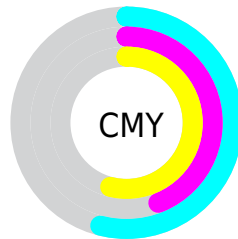


Cyan (19%)

Magenta (0%)

Yellow (18%)

Black (44%)



Cyan (54%)

Magenta (44%)

Yellow (54%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 18.343, 144.288 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 57, 18.343, 144.288 by changing the saturation by 10% instead.

 57, 18.343,
144.288

 57, 18.343,
144.288

 100, 18.343,
144.288

 47, 18.343,
144.288


 77, 18.343,
144.288

 37, 18.343,
144.288

 87, 18.343,
144.288

 27, 18.343,
144.288

 97, 18.343,
144.288

 17, 18.343,
144.288

 7, 18.343, 144.288

 0, 18.343, 144.288

■ 57, 18.343,
144.288

■ 57, 18.343,
144.288

■ 56, 28.125,
143.507

■ 58, 8.535, 144.967

■ 55, 37.715,
142.608

■ 60, 1.181, 325.334

■ 54, 46.909,
141.589

■ 62, 10.717,
325.976

■ 53, 55.452,
140.467

■ 63, 20.017,
326.398

■ 53, 63.047,
139.289

■ 65, 29.044,
326.754

■ 52, 69.363,
138.141

■ 67, 37.782,
327.058


■ 52, 74.071,
137.144

■ 69, 46.224,
327.320

■ 52, 77.063,

■ 71, 54.374,
327.547

136.480

 73, 62.241,
327.743

 52, 77.375,
136.422

Harmonies

Complementary

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



57, 18.343, 144.288



52, 18.363, 326.453

Rectangle

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



57, 18.343, 144.288



57, 18.343, 194.288



57, 18.343, 324.288



57, 18.343, 14.288

Sweetspot

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



57, 18.344, 144.288



74, 7.185, 145.138



59, 15.176, 109.824



39, 4.806, 145.102



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



57, 18.344, 144.288



72, 27.765, 143.936



57, 12.725, 163.881



29, 5.460, 144.942



49, 73.942, 136.452



2, 3.673, 145.449

Inverse Universe

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



52, 18.363, 326.453



65, 27.785, 326.709



52, 13.070, 347.110



28, 5.469, 325.919



31, 70.089, 329.724



1, 3.673, 325.444

Previews

White Background



This preview shows how the CIELCh color 57, 18.343, 144.288 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 57, 18.343, 144.288 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

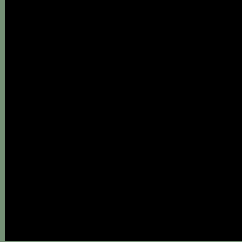
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 18.343, 144.288

Background



This preview shows how black text looks on a background with the CIELCh color 57, 18.343, 144.288.



This preview shows how white text looks on a background with the CIELCh color 57, 18.343, 144.288.

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](#).

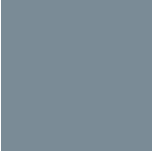
Dichromacy



Original Color
57, 18.343, 144.288

Protanopia
57, 12.931, 93.629

Deuteranopia
57, 12.257, 50.772



Tritanopia
57, 8.720, 245.244

Trichromacy



Original Color
57, 18.343, 144.288

Protanomaly
57, 13.755, 117.193

Deuteranomaly
57, 9.966, 94.597

Tritanomaly
57, 8.186, 186.541

Monochromacy



Original Color
57, 18.343, 144.288

Achromatopsia
56, 0.007, 296.813

Achromatomaly
56, 6.988, 144.063

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 18.343, 144.288 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(117, 144, 118)` looks like.

```
.text, #text, p{  
    color:rgb(117, 144, 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(117, 144, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 144, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 18.343, 144.288 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(117, 144, 118) }
```

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

```
.border{ border-color:rgb(117, 144, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 144, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 144, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 144, 118);  
box-shadow:4px 4px 4px 4px rgb(117, 144,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 18.343, 144.288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 144, 118) }
```

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

```
.background{ background-color: rgb(117,  
144, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor