

Converting Colors

CIELCh(57, 18.486, 142.038)

Have a look what the booklet for
CIELCh(57, 18.486, 142.038)
contains.

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Color

CIELCh(57, 18.584, 142.365)

Conversions

Conversions Part 1

Format	Color
Hex	769075
RGB	118, 144, 117
RGB Percent	46%, 56%, 46%
CMY	0.5388, 0.4369, 0.5427
CMYK	0.18, 0.00, 0.19, 0.44
HSL	118°, 11%, 51%
HSV	118°, 19%, 56%
XYZ	20.5175, 24.9227, 20.4384
YIQ	133.1480, -6.8290, -13.9090

Conversions

Conversions Part 2

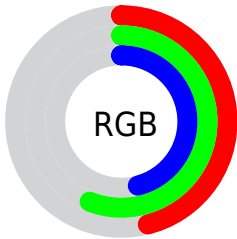
Format	Color
R_{YB}	117, 144, 143
Decimal	7770229
CIE _{Lab}	57.00, -14.72, 11.35
CIE _{LCh}	57, 18.584, 142.365
Yxy	24.9227, 0.3114, 0.3783
Android (android.graphics.Color)	4285960309 (0xFF769075)
YUV	133.1480, -7.9610, -13.2848
Hunter-Lab	49.9226, -14.0037, 10.6724

Details

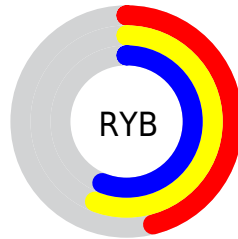
The CIELCh color $57, 18.584, 142.365$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $52, 18.623, 324.398$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 18.812, 142.679$, and $37, 18.810, 142.796$ is the 20% darker color. If you saturate the color by 10%, you get $56, 28.491, 141.637$, and if you desaturate by 10%, it is $58, 8.653, 143.002$.

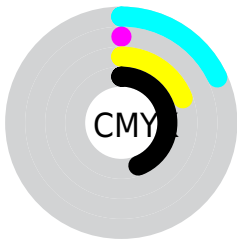
Distribution



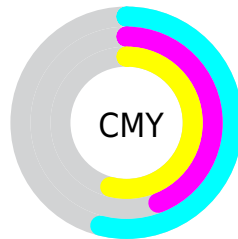
- Red (46%)
- Green (56%)
- Blue (46%)



- Red (46%)
- Yellow (56%)
- Blue (56%)



- Cyan (18%)
- Magenta (0%)
- Yellow (19%)
- Black (44%)




- Cyan (54%)
- Magenta (44%)
- Yellow (54%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 18.584, 142.365 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, 18.584, 142.365 by changing the saturation by 10% instead.


 57, 18.584,
142.365


 57, 18.584,
142.365


 100, 18.584,
142.365


 47, 18.584,
142.365


 77, 18.584,
142.365

 37, 18.584,
142.365

 87, 18.584,
142.365

 27, 18.584,
142.365

 97, 18.584,
142.365

 17, 18.584,
142.365

 7, 18.584, 142.365

 0, 18.584, 142.365

■ 57, 18.584,
142.365

■ 57, 18.584,
142.365

■ 56, 28.491,
141.637

■ 58, 8.653, 143.002

■ 55, 38.209,
140.806

■ 60, 1.186, 323.349

■ 54, 47.528,
139.881

■ 61, 10.849,
323.951

■ 53, 56.182,
138.890

■ 63, 20.279,
324.346

■ 53, 63.843,
137.897

■ 65, 29.442,
324.677

■ 52, 70.133,
137.003

■ 67, 38.321,
324.958


■ 52, 74.680,
136.341


■ 69, 46.910,
325.198

■ 52, 77.552,

■ 71, 55.212,
325.403

135.876

 73, 63.235,
325.578

 52, 77.874,
135.809

Harmonies

Complementary

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



57, 18.584, 142.365



52, 18.623, 324.398

Rectangle

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



57, 18.584, 142.365



57, 18.584, 192.365



57, 18.584, 322.365



57, 18.584, 12.365

Sweetspot

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



57, 18.585, 142.365



74, 7.282, 143.163



59, 14.443, 106.264



39, 4.870, 143.129



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, 18.585, 142.365



72, 28.134, 142.037



57, 13.545, 159.538



30, 5.532, 142.979



49, 74.502, 135.793



2, 3.722, 143.456

Inverse Universe

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



52, 18.623, 324.398



65, 28.192, 324.636



52, 13.790, 342.542



28, 5.544, 323.898



31, 72.229, 326.816



1, 3.723, 323.451

Previews

White Background



This preview shows how the CIELCh color 57, 18.584, 142.365 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, 18.584, 142.365 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

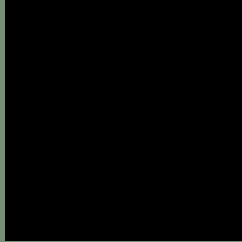
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 18.584, 142.365

Background



This preview shows how black text looks on a background with the CIELCh color 57, 18.584, 142.365.



This preview shows how white text looks on a background with the CIELCh color 57, 18.584, 142.365.

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](#).

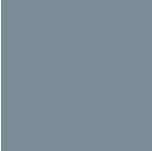
Dichromacy



Original Color
57, 18.584, 142.365

Protanopia
57, 13.480, 94.152

Deuteranopia
57, 12.587, 52.876



Tritanopia
57, 8.479, 246.984

Trichromacy



Original Color
57, 18.584, 142.365

Protanomaly
57, 14.311, 116.808

Deuteranomaly
57, 10.518, 95.266

Tritanomaly
57, 7.829, 186.023

Monochromacy



Original Color
57, 18.584, 142.365

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, 18.584, 142.365 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(118, 144, 117)` looks like.

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

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

Border

The CSS property to change the border of an element to CIELCh 57, 18.584, 142.365 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(118, 144, 117) }
```

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

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

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

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

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

Background

The CSS property to change the background color of an element to CIELCh 57, 18.584, 142.365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(118,  
144, 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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