

Converting Colors

CIELCh(57, 17.539, 154.003)

Have a look what the booklet for
CIELCh(57, 17.539, 154.003)
contains.

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Color

CIELCh(57, 17.400, 154.419)

Conversions

Conversions Part 1

Format	Color
Hex	70907B
RGB	112, 144, 123
RGB Percent	44%, 56%, 48%
CMY	0.5598, 0.4343, 0.5167
CMYK	0.22, 0.00, 0.15, 0.43
HSL	141°, 13%, 50%
HSV	141°, 22%, 57%
XYZ	20.3175, 24.9227, 22.5613
YIQ	132.0380, -12.3310, -13.3150

Conversions

Conversions Part 2

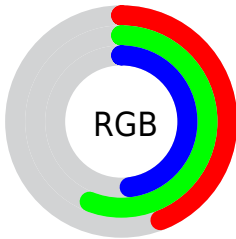
Format	Color
R_{YB}	112, 136, 144
Decimal	7377019
CIE _{Lab}	57.00, -15.69, 7.51
CIE _{LCh}	57, 17.400, 154.419
Yxy	24.9227, 0.2997, 0.3676
Android (android.graphics.Color)	4285567099 (0xFF70907B)
YUV	132.0380, -4.4557, -17.5733
Hunter-Lab	49.9226, -14.7185, 8.1512

Details

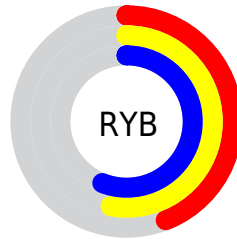
The CIELCh color $57, 17.400, 154.419$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $51, 17.602, 337.694$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 17.696, 153.982$, and $37, 17.992, 154.007$ is the 20% darker color. If you saturate the color by 10%, you get $56, 25.178, 153.472$, and if you desaturate by 10%, it is $58, 9.544, 155.258$.

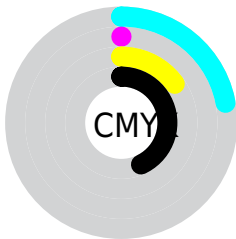
Distribution



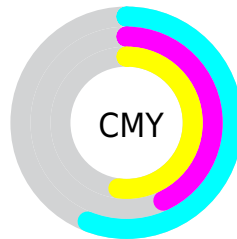
- Red (44%)
- Green (56%)
- Blue (48%)



- Red (44%)
- Yellow (53%)
- Blue (56%)



- Cyan (22%)
- Magenta (0%)
- Yellow (15%)
- Black (43%)



- Cyan (56%)
- Magenta (43%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 17.400, 154.419 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, 17.400, 154.419 by changing the saturation by 10% instead.

■ 57, 17.400,
154.419

■ 57, 17.400,
154.419

■ 100, 17.400,
154.419

■ 47, 17.400,
154.419

■ 77, 17.400,
154.419

■ 37, 17.400,
154.419

■ 87, 17.400,
154.419

■ 27, 17.400,
154.419

■ 97, 17.400,
154.419

■ 17, 17.400,
154.419

■ 7, 17.400, 154.419

■ 0, 17.400, 154.419

■ 57, 17.400,
154.419

■ 57, 17.400,
154.419

■ 56, 25.178,
153.472

■ 58, 9.544, 155.258

■ 60, 1.701, 156.120

■ 55, 32.758,
152.393

■ 61, 6.052, 336.560

■ 54, 40.010,
151.160

■ 63, 13.661,
337.165

■ 53, 46.797,
149.754

■ 64, 21.087,
337.694

■ 53, 52.990,
148.164

■ 66, 28.307,
338.170

■ 53, 58.484,
146.394


■ 68, 35.306,
338.605

■ 52, 63.215,
144.470

■ 70, 42.081,
339.003

■ 52, 66.493,

143.009

 72, 48.633,
339.370

Harmonies

Complementary

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



57, 17.400, 154.419



51, 17.602, 337.694

Rectangle

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



57, 17.400, 154.419



57, 17.400, 204.419



57, 17.400, 334.419



57, 17.400, 24.419

Sweetspot

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



57, 17.401, 154.418



75, 6.807, 155.657



58, 18.542, 121.866



39, 4.410, 155.617



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, 17.401, 154.418



72, 26.337, 153.924



57, 12.376, 183.961



30, 4.378, 155.497



49, 63.217, 143.146



2, 2.952, 156.111

Inverse Universe

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



51, 17.602, 337.694



63, 26.697, 338.126



51, 13.630, 7.988



28, 4.405, 336.702



29, 56.379, 347.545



1, 2.952, 336.103

Previews

White Background



This preview shows how the CIELCh color 57, 17.400, 154.419 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, 17.400, 154.419 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

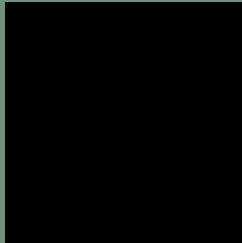
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

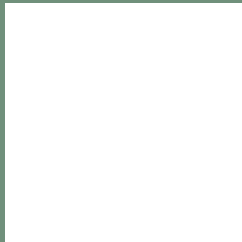
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 57, 17.400, 154.419

Background



This preview shows how black text looks on a background with the CIELCh color 57, 17.400, 154.419.



This preview shows how white text looks on a background with the CIELCh color 57, 17.400, 154.419.

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, 17.400, 154.419

Protanopia
57, 10.077, 92.301

Deuteranopia
57, 9.302, 41.590



Tritanopia
57, 10.264, 236.687

Trichromacy



Original Color
57, 17.400, 154.419

Protanomaly
57, 10.621, 124.474

Deuteranomaly
57, 6.302, 102.033

Tritanomaly
57, 10.079, 195.202

Monochromacy



Original Color
57, 17.400, 154.419

Achromatopsia
55, 0.007, 296.813

Achromatomaly
56, 5.935, 156.449

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 17.400, 154.419 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(112, 144, 123)` looks like.

```
.text, #text, p{  
    color:rgb(112, 144, 123)  
}
```

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(112, 144, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 144, 123) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 17.400, 154.419 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(112, 144, 123) }
```

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

```
.border{ border-color:rgb(112, 144, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 144, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 144, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 144, 123);  
box-shadow:4px 4px 4px 4px rgb(112, 144,  
123) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 17.400, 154.419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 144, 123) }
```

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

```
.background{ background-color: rgb(112,  
144, 123) }
```

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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