

Converting Colors

CIELCh(57, 15.730, 193.158)

Have a look what the booklet for
CIELCh(57, 15.730, 193.158)
contains.

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Color

CIELCh(57, 15.947, 191.700)

Conversions

Conversions Part 1

Format	Color
Hex	65918E
RGB	101, 145, 142
RGB Percent	40%, 57%, 56%
CMY	0.6044, 0.4318, 0.4436
CMYK	0.30, 0.00, 0.02, 0.43
HSL	176°, 18%, 48%
HSV	176°, 30%, 57%
XYZ	20.3336, 24.9227, 29.2825
YIQ	131.5020, -25.2610, -10.2610

Conversions

Conversions Part 2

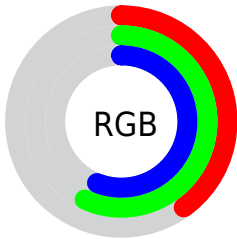
Format	Color
RYB	101, 124, 145
Decimal	6656398
CIELab	57.00, -15.62, -3.23
CIElCh	57, 15.947, 191.700
Yxy	24.9227, 0.2728, 0.3344
Android (android.graphics.Color)	4284846478 (0xFF65918E)
YUV	131.5020, 5.1755, -26.7503
Hunter-Lab	49.9226, -14.6611, 0.1689

Details

The CIELCh color `57, 15.947, 191.700` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `47, 18.997, 16.624`, and the grayscale version is `55, 0.007, 296.813`.

A 20% lighter version of the original color is `77, 16.036, 192.420`, and `37, 15.866, 192.862` is the 20% darker color. If you saturate the color by 10%, you get `56, 20.440, 191.013`, and if you desaturate by 10%, it is `58, 11.020, 192.389`.

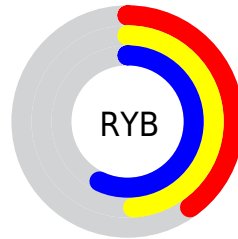
Distribution



Red (40%)

Green (57%)

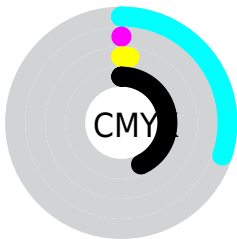
Blue (56%)



Red (40%)

Yellow (49%)

Blue (57%)

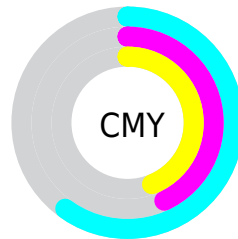


Cyan (30%)

Magenta (0%)

Yellow (2%)

Black (43%)



Cyan (60%)


Magenta (43%)


Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 15.947, 191.700 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, 15.947, 191.700 by changing the saturation by 10% instead.


 57, 15.947,
191.700


 57, 15.947,
191.700


 100, 15.947,
191.700


 47, 15.947,
191.700


 77, 15.947,
191.700

 37, 15.947,
191.700

 87, 15.947,
191.700

 27, 15.947,
191.700

 97, 15.947,
191.700

 17, 15.947,
191.700

 7, 15.947, 191.700

 0, 15.947, 191.700

■ 57, 15.947,
191.700

■ 57, 15.947,
191.700

■ 56, 20.440,
191.013

■ 58, 11.020,
192.389

■ 56, 24.411,
190.331

■ 59, 5.744, 193.109

■ 55, 27.784,
189.642

■ 60, 0.207, 195.791

■ 61, 5.518, 14.337

■ 55, 30.507,
188.938

■ 63, 11.365, 15.069

■ 54, 32.556,
188.205

■ 64, 17.279, 15.771

■ 66, 23.217, 16.462

■ 54, 33.949,
187.429

■ 67, 29.146, 17.142

■ 54, 34.865,
186.654

■ 69, 35.041, 17.812

Harmonies

Complementary

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



57, 15.947, 191.700



47, 18.997, 16.624

Rectangle

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



57, 15.947, 191.700



57, 15.947, 241.700



57, 15.947, 11.700



57, 15.947, 61.700

Sweetspot

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



57, 15.947, 191.697



75, 6.200, 193.200



56, 29.812, 140.365



39, 4.283, 193.099



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, 15.947, 191.697



72, 22.931, 191.259



52, 13.726, 250.099



30, 3.099, 193.201



51, 33.132, 186.712



2, 2.134, 193.765

Inverse Universe

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



47, 18.997, 16.624



58, 28.473, 17.522



52, 15.551, 62.771



28, 3.255, 14.366



27, 62.001, 36.039



0, 2.134, 13.748

Previews

White Background



This preview shows how the CIELCh color 57, 15.947, 191.700 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, 15.947, 191.700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

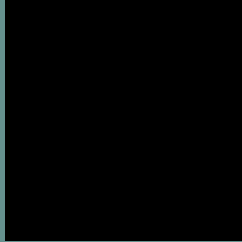
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

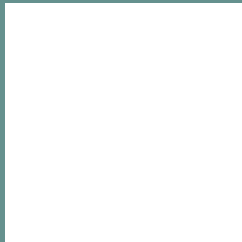
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 57, 15.947, 191.700

Background



This preview shows how black text looks on a background with the CIELCh color 57, 15.947, 191.700.



This preview shows how white text looks on a background with the CIELCh color 57, 15.947, 191.700.

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, 15.947, 191.700

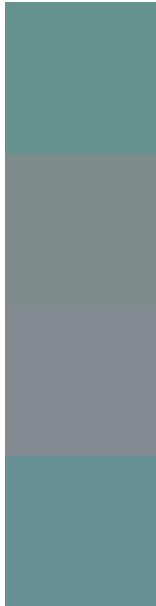
Protanopia
57, 1.182, 19.175

Deuteranopia
57, 9.240, 326.928



Tritanopia
57, 14.717, 223.697

Trichromacy



Original Color
57, 15.947, 191.700

Protanomaly
57, 5.402, 192.863

Deuteranomaly
57, 4.753, 256.706

Tritanomaly
57, 14.690, 211.694

Monochromacy



Original Color
57, 15.947, 191.700

Achromatopsia
55, 0.007, 296.813

Achromatomaly
55, 6.164, 193.493

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 15.947, 191.700 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(101, 145, 142)` looks like.

```
.text, #text, p{  
    color:rgb(101, 145, 142)  
}
```

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(101, 145, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 145, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 15.947, 191.700 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(101, 145, 142) }
```

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

```
.border{ border-color:rgb(101, 145, 142) }
```

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

Here you see how a box with a 4 pixel rgb(101, 145, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 145, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 145, 142);  
box-shadow:4px 4px 4px 4px rgb(101, 145,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 15.947, 191.700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 145, 142) }
```

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

```
.background{ background-color: rgb(101,  
145, 142) }
```

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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