

Converting Colors

CIELCh(57, 16.113, 202.092)

Have a look what the booklet for
CIELCh(57, 16.113, 202.092)
contains.

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Color

CIELCh(57, 16.164, 201.999)

Conversions

Conversions Part 1

Format	Color
Hex	639193
RGB	99, 145, 147
RGB Percent	39%, 57%, 58%
CMY	0.6126, 0.4322, 0.4244
CMYK	0.33, 0.01, 0.00, 0.42
HSL	182°, 20%, 48%
HSV	182°, 33%, 58%
XYZ	20.4621, 24.9227, 31.2444
YIQ	131.4740, -28.0580, -9.1300

Conversions

Conversions Part 2

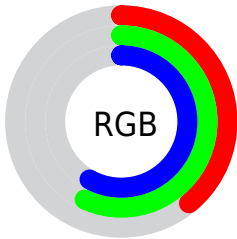
Format	Color
R _Y B	99, 122, 147
Decimal	6525331
CIE Lab	57.00, -14.99, -6.05
CIE LCh	57, 16.164, 201.999
Yxy	24.9227, 0.2670, 0.3252
Android (android.graphics.Color)	4284715411 (0xFF639193)
YUV	131.4740, 7.6543, -28.4797
Hunter-Lab	49.9226, -14.2017, -2.1612

Details

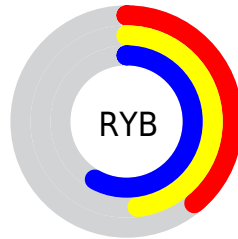
The CIELCh color **57, 16.164, 201.999** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **47, 20.225, 25.228**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 16.038, 202.107**, and **37, 15.955, 204.177** is the 20% darker color. If you saturate the color by 10%, you get **56, 20.206, 201.823**, and if you desaturate by 10%, it is **58, 11.637, 202.256**.

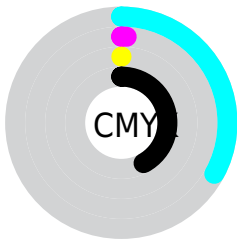
Distribution



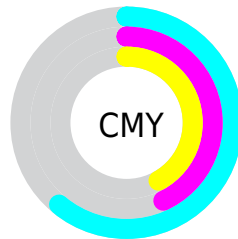
- Red (39%)
- Green (57%)
- Blue (58%)



- Red (39%)
- Yellow (48%)
- Blue (58%)



- Cyan (33%)
- Magenta (1%)
- Yellow (0%)
- Black (42%)





- Cyan (61%)
- Magenta (43%)
- Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 16.164, 201.999 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, 16.164, 201.999 by changing the saturation by 10% instead.


 57, 16.164,
201.999


 57, 16.164,
201.999


 100, 16.164,
201.999


 47, 16.164,
201.999


 77, 16.164,
201.999

 37, 16.164,
201.999

 87, 16.164,
201.999

 27, 16.164,
201.999

 97, 16.164,
201.999

 17, 16.164,
201.999

 7, 16.164, 201.999

 0, 16.164, 201.999

■ 57, 16.164,
201.999

■ 57, 16.164,
201.999

■ 56, 20.206,
201.823

■ 58, 11.637,
202.256

■ 55, 23.682,
201.750

■ 59, 6.709, 202.604

■ 60, 1.461, 203.217

■ 55, 26.529,
201.790

■ 62, 4.031, 23.226

■ 54, 28.702,
201.955

■ 63, 9.701, 23.747

■ 54, 30.193,
202.256

■ 65, 15.492, 24.245

■ 67, 21.359, 24.751

■ 53, 31.034,
202.701

■ 68, 27.264, 25.264

■ 53, 31.412,
203.079

■ 70, 33.179, 25.780

Harmonies

Complementary

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



57, 16.164, 201.999



47, 20.225, 25.228

Rectangle

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



57, 16.164, 201.999



57, 16.164, 251.999



57, 16.164, 21.999



57, 16.164, 71.999

Sweetspot

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



57, 16.164, 201.995



76, 6.599, 202.708



56, 32.552, 143.062



40, 4.522, 202.653



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



57, 16.164, 201.995



72, 23.210, 201.863



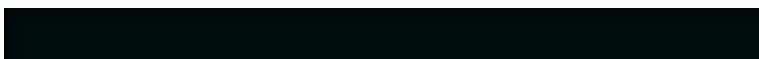
50, 16.596, 264.087



31, 3.030, 202.753



50, 29.994, 203.038



2, 2.713, 203.041

Inverse Universe

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



48, 32.361, 327.339



59, 47.611, 327.711



54, 17.803, 74.858



29, 5.614, 326.049



32, 70.796, 329.917



1, 4.883, 325.570

Previews

White Background



This preview shows how the CIELCh color 57, 16.164, 201.999 looks on a white background.

Color Contrast Check

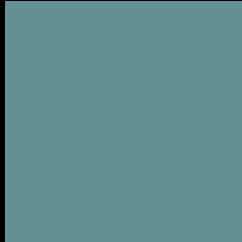
Large Text (above 18pt) WCAG AA ✓ Pass

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, 16.164, 201.999 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

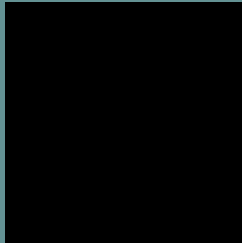
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 16.164, 201.999

Background



This preview shows how black text looks on a background with the CIELCh color 57, 16.164, 201.999.

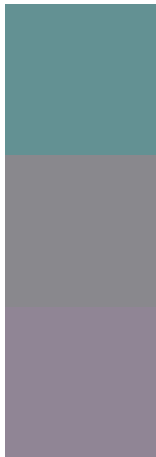


This preview shows how white text looks on a background with the CIELCh color 57, 16.164, 201.999.

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, 16.164, 201.999

Protanopia

57, 2.890, 298.225

Deuteranopia

57, 10.110, 315.759



Tritanopia
57, 15.725, 224.225

Trichromacy



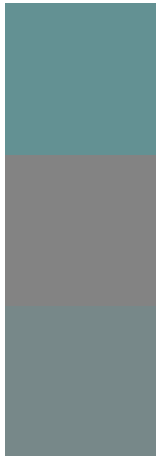
Original Color
57, 16.164, 201.999

Protanomaly
57, 6.377, 219.970

Deuteranomaly
57, 7.053, 262.478

Tritanomaly
57, 15.739, 215.061

Monochromacy



Original Color
57, 16.164, 201.999

Achromatopsia
55, 0.007, 296.813

Achromatomaly
55, 6.467, 203.934

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 16.164, 201.999 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(99, 145, 147)` looks like.

```
.text, #text, p{  
    color:rgb(99, 145, 147)  
}
```

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(99, 145, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 145, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 16.164, 201.999 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(99, 145, 147) }
```

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

```
.border{ border-color:rgb(99, 145, 147) }
```

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

Here you see how a box with a 4 pixel rgb(99, 145, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 145, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 145, 147);  
box-shadow:4px 4px 4px 4px rgb(99, 145,  
147) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 16.164, 201.999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 145, 147) }
```

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

```
.background{ background-color: rgb(99, 145,  
147) }
```

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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