

Converting Colors

CIELCh(57, 18.453, 185.084)

Have a look what the booklet for
CIELCh(57, 18.453, 185.084)
contains.

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Color

CIELCh(57, 18.453, 185.084)

Conversions

Conversions Part 1

Format	Color
Hex	60928B
RGB	96, 146, 139
RGB Percent	38%, 57%, 55%
CMY	0.6234, 0.4273, 0.4548
CMYK	0.34, 0.00, 0.05, 0.43
HSL	172°, 21%, 47%
HSV	172°, 34%, 57%
XYZ	19.7748, 24.9227, 28.2081
YIQ	130.2520, -27.5530, -12.7770

Conversions

Conversions Part 2

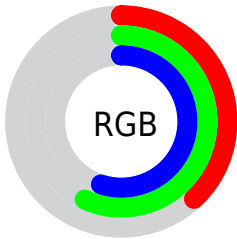
Format	Color
R_{YB}	96, 123, 146
Decimal	6328971
CIE _{Lab}	57.00, -18.38, -1.64
CIE _{LCh}	57, 18.453, 185.084
Yxy	24.9227, 0.2712, 0.3418
Android (android.graphics.Color)	4284519051 (0xFF60928B)
YUV	130.2520, 4.3128, -30.0390
Hunter-Lab	49.9226, -16.6591, 1.4449

Details

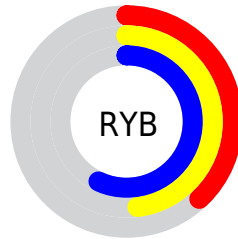
The CIELCh color $57, 18.453, 185.084$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $46, 21.807, 11.648$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 18.619, 184.605$, and $37, 18.311, 185.279$ is the 20% darker color. If you saturate the color by 10%, you get $56, 23.054, 184.164$, and if you desaturate by 10%, it is $58, 13.423, 185.962$.

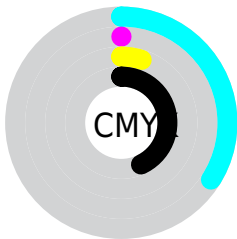
Distribution



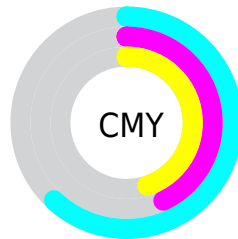
- Red (38%)
- Green (57%)
- Blue (55%)



- Red (38%)
- Yellow (48%)
- Blue (57%)



- Cyan (34%)
- Magenta (0%)
- Yellow (5%)
- Black (43%)



- Cyan (62%)
- Magenta (43%)
- Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 18.453, 185.084 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, 18.453, 185.084 by changing the saturation by 10% instead.


 57, 18.453,
185.084


 57, 18.453,
185.084


 100, 18.453,
185.084


 47, 18.453,
185.084


 77, 18.453,
185.084

 37, 18.453,
185.084

 87, 18.453,
185.084

 27, 18.453,
185.084

 97, 18.453,
185.084

 17, 18.453,
185.084

 7, 18.453, 185.084

 0, 18.453, 185.084

■ 57, 18.453,
185.084

■ 57, 18.453,
185.084

■ 56, 23.054,
184.164

■ 58, 13.423,
185.962

■ 56, 27.136,
183.195

■ 59, 8.054, 186.823

■ 55, 30.624,
182.159

■ 60, 2.435, 187.758

■ 61, 3.355, 8.256

■ 55, 33.465,
181.037

■ 63, 9.250, 9.110

■ 54, 35.644,
179.810

■ 64, 15.192, 9.885

■ 66, 21.138, 10.633

■ 54, 37.194,
178.461

■ 67, 27.055, 11.360

■ 54, 37.960,
177.677

■ 69, 32.916, 12.069

Harmonies

Complementary

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



57, 18.453, 185.084



46, 21.807, 11.648

Rectangle

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



57, 18.453, 185.084



57, 18.453, 235.084



57, 18.453, 5.084



57, 18.453, 55.084

Sweetspot

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



57, 18.454, 185.081



75, 7.021, 187.175



56, 33.083, 138.369



39, 4.765, 187.065



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, 18.454, 185.081



71, 26.565, 184.389



52, 14.877, 241.961



31, 3.256, 187.263



51, 36.338, 177.762



2, 2.894, 187.940

Inverse Universe

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



46, 21.807, 11.648



56, 32.721, 12.886



51, 17.819, 55.069



29, 3.395, 8.645



28, 60.340, 32.274



1, 2.894, 7.924

Previews

White Background



This preview shows how the CIELCh color 57, 18.453, 185.084 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, 18.453, 185.084 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

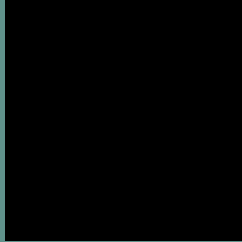
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 18.453, 185.084

Background



This preview shows how black text looks on a background with the CIELCh color 57, 18.453, 185.084.



This preview shows how white text looks on a background with the CIELCh color 57, 18.453, 185.084.

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, 18.453, 185.084

Protanopia
57, 2.068, 74.779

Deuteranopia
57, 8.220, 336.333



Tritanopia
57, 16.102, 221.241

Trichromacy



Original Color
57, 18.453, 185.084

Protanomaly
57, 7.188, 175.328

Deuteranomaly
56, 4.085, 233.301

Tritanomaly
57, 16.134, 206.144

Monochromacy



Original Color
57, 18.453, 185.084

Achromatopsia
54, 0.007, 296.813

Achromatomaly
55, 7.153, 184.773

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 18.453, 185.084 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(96, 146, 139)` looks like.

```
.text, #text, p{  
    color:rgb(96, 146, 139)  
}
```

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(96, 146, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 146, 139) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 18.453, 185.084 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(96, 146, 139) }
```

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

```
.border{ border-color:rgb(96, 146, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 146, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 146, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 146, 139);  
box-shadow:4px 4px 4px 4px rgb(96, 146,  
139) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 18.453, 185.084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 146, 139) }
```

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

```
.background{ background-color: rgb(96, 146,  
139) }
```

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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