

Converting Colors

CIELCh(63, 19.049, 176.022)

Have a look what the booklet for
CIELCh(63, 19.049, 176.022)
contains.

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Color

CIELCh(63, 19.018, 175.183)

Conversions

Conversions Part 1

Format	Color
Hex	72A295
RGB	114, 162, 149
RGB Percent	45%, 64%, 58%
CMY	0.5529, 0.3647, 0.4157
CMYK	0.30, 0.00, 0.08, 0.36
HSL	164°, 21%, 54%
HSV	164°, 30%, 64%
XYZ	25.2837, 31.5869, 33.1972
YIQ	146.1660, -24.4350, -14.2190

Conversions

Conversions Part 2

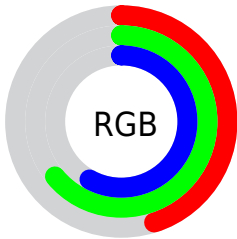
Format	Color
RYB	114, 142, 162
Decimal	7512725
CIELab	63.00, -18.95, 1.60
CIElCh	63, 19.018, 175.183
Yxy	31.5869, 0.2807, 0.3507
Android (android.graphics.Color)	4285702805 (0xFF72A295)
YUV	146.1660, 1.3972, -28.2096
Hunter-Lab	56.2022, -18.0522, 4.3206

Details

The CIELCh color **63, 19.018, 175.183** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **53, 20.923, 1.228**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 19.070, 175.167**, and **43, 18.958, 174.725** is the 20% darker color. If you saturate the color by 10%, you get **62, 24.894, 174.064**, and if you desaturate by 10%, it is **64, 12.803, 176.218**.

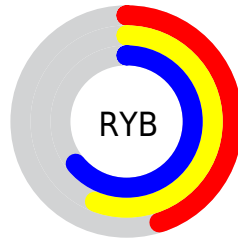
Distribution



Red (45%)

Green (64%)

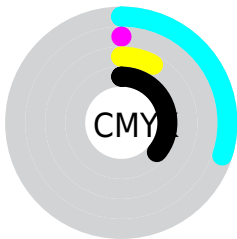
Blue (58%)



Red (45%)

Yellow (56%)

Blue (64%)

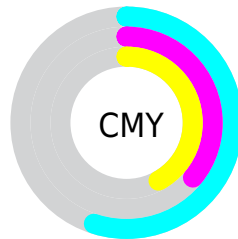


Cyan (30%)

Magenta (0%)

Yellow (8%)

Black (36%)



Cyan (55%)


Magenta (36%)


Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 19.018, 175.183 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 63, 19.018, 175.183 by changing the saturation by 10% instead.


 63, 19.018,
175.183


 63, 19.018,
175.183


 100, 19.018,
175.183


 53, 19.018,
175.183


 83, 19.018,
175.183

 43, 19.018,
175.183

 93, 19.018,
175.183

 33, 19.018,
175.183

 23, 19.018,
175.183

 13, 19.018,
175.183

 3, 19.018, 175.183

 0, 19.018, 175.183

63, 19.018,
175.183

63, 19.018,
175.183

62, 24.894,
174.064

64, 12.803,
176.218

61, 30.322,
172.846

65, 6.349, 177.208

61, 35.199,
171.505

67, 0.250, 356.372

68, 6.916, 358.832

60, 39.442,
170.017

70, 13.585,
359.671

60, 43.002,
168.360

71, 20.210, 0.455

59, 45.878,
166.517

73, 26.753, 1.201

75, 33.190, 1.916

59, 48.236,
164.552

77, 37.799, 1.388

59, 48.322,

Harmonies

Complementary

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



63, 19.018, 175.183



53, 20.923, 1.228

Rectangle

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



63, 19.018, 175.183



63, 19.018, 225.183



63, 19.018, 355.183



63, 19.018, 45.183

Sweetspot

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



63, 19.019, 175.181



83, 7.379, 177.254



63, 29.933, 134.858



44, 5.163, 177.115



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



63, 19.019, 175.181



80, 28.309, 174.402



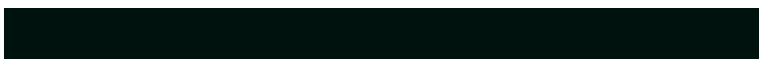
60, 14.149, 223.017



34, 3.753, 177.244



53, 44.491, 164.690



4, 6.078, 174.180

Inverse Universe

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



53, 20.923, 1.228



65, 31.913, 2.264



55, 17.237, 40.908



32, 3.863, 358.811



30, 58.127, 22.493



1, 5.826, 359.853

Previews

White Background



This preview shows how the CIELCh color 63, 19.018, 175.183 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 63, 19.018, 175.183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

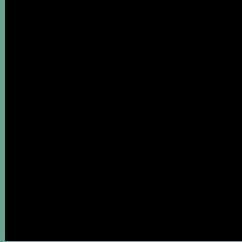
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 19.018, 175.183

Background



This preview shows how black text looks on a background with the CIELCh color 63, 19.018, 175.183.

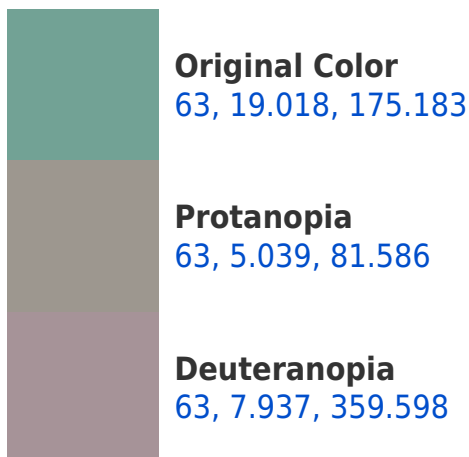


This preview shows how white text looks on a background with the CIELCh color 63, 19.018, 175.183.

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





Tritanopia
63, 15.060, 224.997

Trichromacy



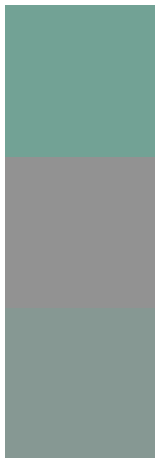
Original Color
63, 19.018, 175.183

Protanomaly
63, 7.817, 153.140

Deuteranomaly
62, 1.998, 183.176

Tritanomaly
63, 15.099, 204.557

Monochromacy



Original Color
63, 19.018, 175.183

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 7.427, 176.501

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 19.018, 175.183 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(114, 162, 149)` looks like.

```
.text, #text, p{  
    color:rgb(114, 162, 149)  
}
```

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(114, 162, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 162, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 19.018, 175.183 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(114, 162, 149) }
```

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

```
.border{ border-color:rgb(114, 162, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 162, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 162, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 162, 149);  
box-shadow:4px 4px 4px 4px rgb(114, 162,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 19.018, 175.183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 162, 149) }
```

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

```
.background{ background-color: rgb(114,  
162, 149) }
```

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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