

Converting Colors

CIELCh(63, 19.870, 157.019)

Have a look what the booklet for
CIELCh(63, 19.870, 157.019)
contains.

CIELCh(63, 19.738, 157.125)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(63, 19.738, 157.125)

Conversions

Conversions Part 1

Format	Color
Hex	7AA18A
RGB	122, 161, 138
RGB Percent	48%, 63%, 54%
CMY	0.5205, 0.3675, 0.4578
CMYK	0.24, 0.00, 0.14, 0.37
HSL	145°, 17%, 56%
HSV	145°, 24%, 63%
XYZ	25.4646, 31.5869, 28.9020
YIQ	146.7170, -15.8610, -15.4210

Conversions

Conversions Part 2

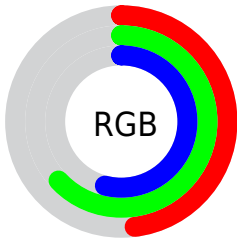
Format	Color
RYB	122, 150, 161
Decimal	8036746
CIELab	63.00, -18.19, 7.67
CIELCh	63, 19.738, 157.125
Yxy	31.5869, 0.2963, 0.3675
Android (android.graphics.Color)	4286226826 (0xFF7AA18A)
YUV	146.7170, -4.2975, -21.6768
Hunter-Lab	56.2022, -17.4776, 8.8517

Details

The CIELCh color $63, 19.738, 157.125$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $56, 20.106, 341.020$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 19.964, 156.667$, and $43, 19.668, 157.294$ is the 20% darker color. If you saturate the color by 10%, you get $62, 27.762, 156.105$, and if you desaturate by 10%, it is $64, 11.585, 158.032$.

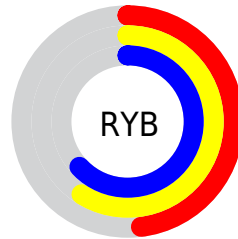
Distribution



Red (48%)

Green (63%)

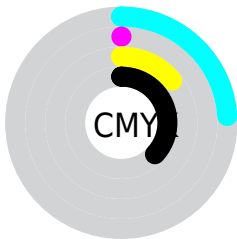
Blue (54%)



Red (48%)

Yellow (59%)

Blue (63%)

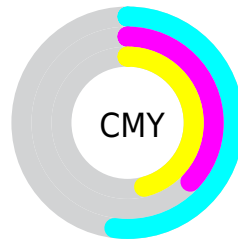


Cyan (24%)

Magenta (0%)

Yellow (14%)

Black (37%)



Cyan (52%)


Magenta (37%)


Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 19.738, 157.125 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, 19.738, 157.125 by changing the saturation by 10% instead.


 63, 19.738,
157.125


 63, 19.738,
157.125


 100, 19.738,
157.125


 53, 19.738,
157.125


 83, 19.738,
157.125

 43, 19.738,
157.125

 93, 19.738,
157.125

 33, 19.738,
157.125

 23, 19.738,
157.125

 13, 19.738,
157.125

 3, 19.738, 157.125

 0, 19.738, 157.125

■ 63, 19.738,
157.125

■ 63, 19.738,
157.125

■ 62, 27.762,
156.105

■ 64, 11.585,
158.032

■ 61, 35.527,
154.948

■ 66, 3.406, 158.895

■ 60, 42.898,
153.631

■ 67, 4.713, 339.447

■ 59, 49.738,
152.131

■ 69, 12.706,
340.133

■ 59, 55.925,
150.436

■ 71, 20.527,
340.728

■ 58, 61.379,
148.545

■ 73, 28.146,
341.268

■ 58, 66.069,
146.481

■ 75, 35.544,
341.764

■ 58, 68.564,

■ 77, 42.713,
342.223

145.311

 77, 46.634,
338.489

Harmonies

Complementary

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



63, 19.738, 157.125



56, 20.106, 341.020

Rectangle

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



63, 19.738, 157.125



63, 19.738, 207.125



63, 19.738, 337.125



63, 19.738, 27.125

Sweetspot

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



63, 19.739, 157.124



83, 7.046, 158.631



64, 22.419, 124.308



43, 4.570, 158.585



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



63, 19.739, 157.124



79, 29.177, 156.594



64, 14.280, 189.340



34, 4.658, 158.449



53, 63.240, 145.522



4, 7.450, 157.336

Inverse Universe

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



56, 20.106, 341.020



68, 29.823, 341.509



55, 16.225, 13.413



32, 4.697, 339.762



31, 57.425, 353.109



1, 6.966, 341.831

Previews

White Background



This preview shows how the CIELCh color 63, 19.738, 157.125 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, 19.738, 157.125 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, 19.738, 157.125

Background



This preview shows how black text looks on a background with the CIELCh color 63, 19.738, 157.125.

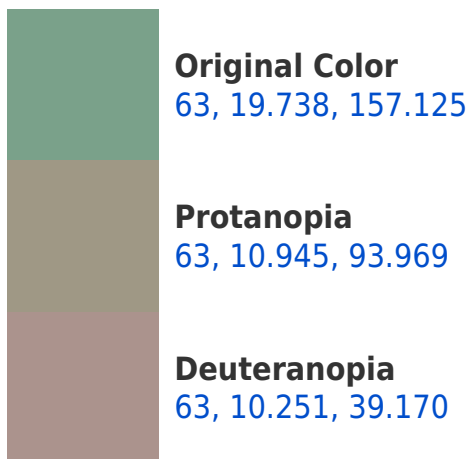


This preview shows how white text looks on a background with the CIELCh color 63, 19.738, 157.125.

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, 12.031, 232.769

Trichromacy



Original Color
63, 19.738, 157.125

Protanomaly
63, 11.715, 126.722

Deuteranomaly
63, 6.698, 106.040

Tritanomaly
63, 11.983, 195.679

Monochromacy



Original Color
63, 19.738, 157.125

Achromatopsia
61, 0.008, 296.813

Achromatomaly
62, 7.059, 159.332

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 19.738, 157.125 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(122, 161, 138)` looks like.

```
.text, #text, p{  
    color:rgb(122, 161, 138)  
}
```

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(122, 161, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 161, 138) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 19.738, 157.125 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(122, 161, 138) }
```

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

```
.border{ border-color:rgb(122, 161, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 161, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 161, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 161, 138);  
box-shadow:4px 4px 4px 4px rgb(122, 161,  
138) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 19.738, 157.125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 161, 138) }
```

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

```
.background{ background-color: rgb(122,  
161, 138) }
```

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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