

Converting Colors

CIELCh(63, 12.755, 177.473)

Have a look what the booklet for
CIELCh(63, 12.755, 177.473)
contains.

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Color

CIELCh(63, 12.758, 177.693)

Conversions

Conversions Part 1

Format	Color
Hex	7F9F97
RGB	127, 159, 151
RGB Percent	50%, 62%, 59%
CMY	0.5016, 0.3761, 0.4075
CMYK	0.20, 0.00, 0.05, 0.38
HSL	165°, 14%, 56%
HSV	165°, 20%, 62%
XYZ	26.7753, 31.5869, 34.0052
YIQ	148.5200, -16.5040, -9.2720

Conversions

Conversions Part 2

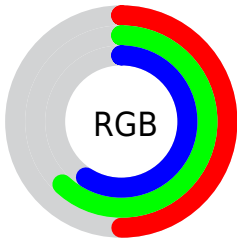
Format	Color
RYB	127, 145, 159
Decimal	8363927
CIELab	63.00, -12.75, 0.51
CIELCh	63, 12.758, 177.693
Yxy	31.5869, 0.2899, 0.3420
Android (android.graphics.Color)	4286554007 (0xFF7F9F97)
YUV	148.5200, 1.2226, -18.8730
Hunter-Lab	56.2022, -13.3148, 3.4681

Details

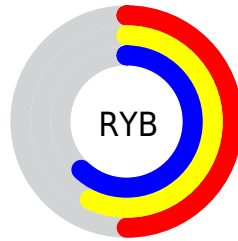
The CIELCh color **63, 12.758, 177.693** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **56, 13.654, 1.515**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 13.006, 177.004**, and **43, 13.155, 176.331** is the 20% darker color. If you saturate the color by 10%, you get **62, 18.771, 176.664**, and if you desaturate by 10%, it is **64, 6.496, 178.670**.

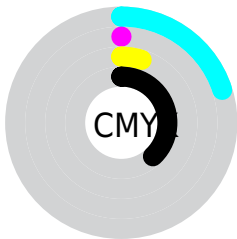
Distribution



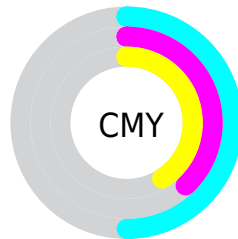
- Red (50%)
- Green (62%)
- Blue (59%)



- Red (50%)
- Yellow (57%)
- Blue (62%)



- Cyan (20%)
- Magenta (0%)
- Yellow (5%)
- Black (38%)





- Cyan (50%)
- Magenta (38%)
- Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 12.758, 177.693 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, 12.758, 177.693 by changing the saturation by 10% instead.

 63, 12.758,
177.693


 63, 12.758,
177.693


 100, 12.758,
177.693


 53, 12.758,
177.693


 83, 12.758,
177.693

 43, 12.758,
177.693

 93, 12.758,
177.693

 33, 12.758,
177.693

 23, 12.758,
177.693

 13, 12.758,
177.693

 3, 12.758, 177.693

 0, 12.758, 177.693

63, 12.758,
177.693

63, 12.758,
177.693

62, 18.771,
176.664

64, 6.496, 178.670

61, 24.430,
175.565

66, 0.072, 185.286

67, 6.434, 0.287

60, 29.631,
174.371

69, 12.959, 1.132

60, 34.277,
173.060

70, 19.452, 1.920

72, 25.877, 2.673

59, 38.289,
171.609

74, 32.207, 3.396

59, 41.622,
169.996

76, 38.424, 4.092

76, 39.081, 1.208

58, 44.278,
168.204

58, 46.422,

Harmonies

Complementary

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



63, 12.758, 177.693



56, 13.654, 1.515

Rectangle

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



63, 12.758, 177.693



63, 12.758, 227.693



63, 12.758, 357.693



63, 12.758, 47.693

Sweetspot

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



63, 12.759, 177.689



82, 4.781, 179.076



63, 20.127, 135.868



44, 3.195, 179.012



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, 12.759, 177.689



79, 18.697, 177.252



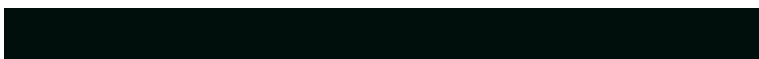
61, 9.701, 224.504



33, 3.615, 178.756



53, 42.767, 166.531



3, 4.864, 177.016

Inverse Universe

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



56, 13.654, 1.515



70, 20.323, 2.048



58, 11.000, 42.770



31, 3.728, 0.306



29, 57.980, 24.174



1, 4.751, 0.456

Previews

White Background



This preview shows how the CIELCh color 63, 12.758, 177.693 looks on a white background.

Color Contrast Check

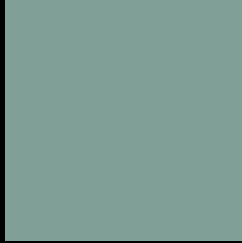
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 63, 12.758, 177.693 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

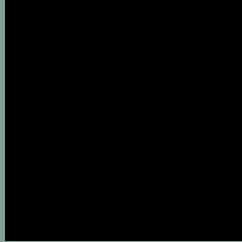
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 12.758, 177.693

Background



This preview shows how black text looks on a background with the CIELCh color 63, 12.758, 177.693.

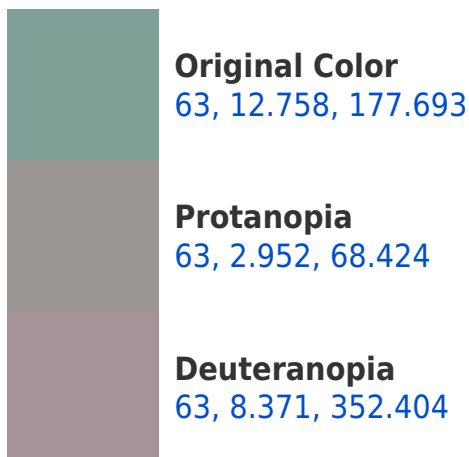


This preview shows how white text looks on a background with the CIELCh color 63, 12.758, 177.693.

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, 11.276, 239.184

Trichromacy



Original Color
63, 12.758, 177.693

Protanomaly
63, 4.848, 155.321

Deuteranomaly
63, 1.195, 309.043

Tritanomaly
63, 10.057, 214.847

Monochromacy



Original Color
63, 12.758, 177.693

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 4.888, 178.903

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 12.758, 177.693 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(127, 159, 151)` looks like.

```
.text, #text, p{  
    color:rgb(127, 159, 151)  
}
```

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(127, 159, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 159, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 12.758, 177.693 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(127, 159, 151) }
```

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

```
.border{ border-color:rgb(127, 159, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 159, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 159, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 159, 151);  
box-shadow:4px 4px 4px 4px rgb(127, 159,  
151) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 12.758, 177.693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 159, 151) }
```

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

```
.background{ background-color: rgb(127,  
159, 151) }
```

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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