

Converting Colors

CIELCh(62, 16.546, 195.785)

Have a look what the booklet for
CIELCh(62, 16.546, 195.785)
contains.

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Color

CIELCh(62, 16.554, 195.994)

Conversions

Conversions Part 1

Format	Color
Hex	6F9E9D
RGB	111, 158, 157
RGB Percent	44%, 62%, 62%
CMY	0.5635, 0.3792, 0.3831
CMYK	0.30, 0.00, 0.01, 0.38
HSL	179°, 20%, 53%
HSV	179°, 30%, 62%
XYZ	24.9847, 30.4025, 36.5870
YIQ	143.8330, -27.6910, -10.2750

Conversions

Conversions Part 2

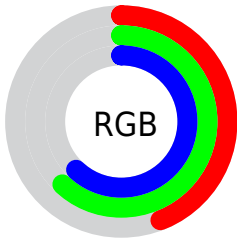
Format	Color
R _Y B	111, 135, 158
Decimal	7315101
CIE Lab	62.00, -15.91, -4.56
CIE LCh	62, 16.554, 195.994
Yxy	30.4025, 0.2716, 0.3306
Android (android.graphics.Color)	4285505181 (0xFF6F9E9D)
YUV	143.8330, 6.4913, -28.7945
Hunter-Lab	55.1385, -15.6094, -0.7448

Details

The CIELCh color **62, 16.554, 195.994** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **52, 20.021, 20.170**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 16.753, 194.580**, and **42, 16.874, 195.370** is the 20% darker color. If you saturate the color by 10%, you get **61, 21.265, 195.487**, and if you desaturate by 10%, it is **63, 11.347, 196.535**.

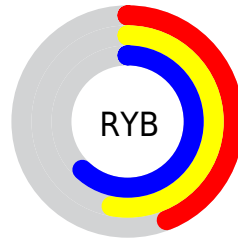
Distribution



Red (44%)

Green (62%)

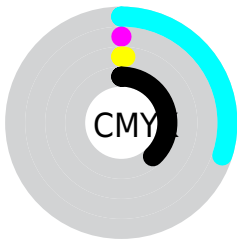
Blue (62%)



Red (44%)

Yellow (53%)

Blue (62%)

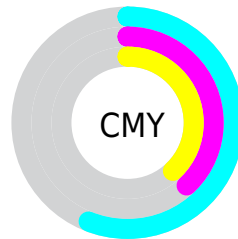


Cyan (30%)

Magenta (0%)

Yellow (1%)

Black (38%)



Cyan (56%)


Magenta (38%)


Yellow (38%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 16.554, 195.994 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 62, 16.554, 195.994 by changing the saturation by 10% instead.


 62, 16.554,
195.994


 62, 16.554,
195.994


 100, 16.554,
195.994


 52, 16.554,
195.994


 82, 16.554,
195.994

 42, 16.554,
195.994

 92, 16.554,
195.994

 32, 16.554,
195.994

 22, 16.554,
195.994

 12, 16.554,
195.994

 2, 16.554, 195.994

 0, 16.554, 195.994

62, 16.554,
195.994

62, 16.554,
195.994

61, 21.265,
195.487

63, 11.347,
196.535

60, 25.388,
195.023

64, 5.736, 197.138

60, 28.846,
194.599

65, 0.186, 15.168

67, 6.336, 18.184

60, 31.585,
194.212

68, 12.642, 18.845

59, 33.589,
193.857

70, 19.044, 19.491

71, 25.492, 20.136

59, 34.880,
193.526

73, 31.948, 20.778

59, 35.641,
193.210

75, 38.384, 21.415

59, 35.663,

Harmonies

Complementary

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



62, 16.554, 195.994



52, 20.021, 20.170

Rectangle

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



62, 16.554, 195.994



62, 16.554, 245.994



62, 16.554, 15.994



62, 16.554, 65.994

Sweetspot

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



62, 16.554, 195.990



82, 6.621, 197.173



61, 31.849, 141.634



43, 4.622, 197.082



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



62, 16.554, 195.990



78, 24.257, 195.633



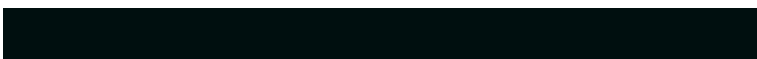
56, 15.026, 256.137



33, 3.345, 197.168



53, 33.066, 193.228



3, 4.478, 197.215

Inverse Universe

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



52, 20.021, 20.170



63, 30.868, 21.101



57, 16.559, 68.277



31, 3.534, 18.170



29, 66.360, 38.313



1, 4.476, 17.719

Previews

White Background



This preview shows how the CIELCh color 62, 16.554, 195.994 looks on a white background.

Color Contrast Check

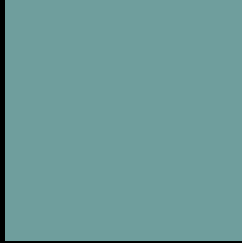
Large Text (above 18pt) WCAG AA × Fail

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 62, 16.554, 195.994 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

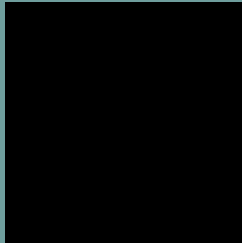
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 16.554, 195.994

Background



This preview shows how black text looks on a background with the CIELCh color 62, 16.554, 195.994.

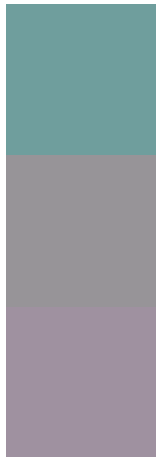


This preview shows how white text looks on a background with the CIELCh color 62, 16.554, 195.994.

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

62, 16.554, 195.994

Protanopia

62, 2.543, 317.341

Deuteranopia

62, 10.013, 323.085



Tritanopia
62, 15.905, 223.478

Trichromacy



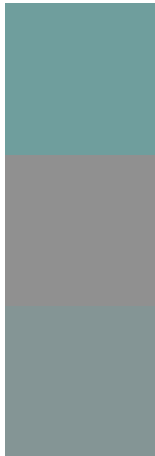
Original Color
62, 16.554, 195.994

Protanomaly
62, 5.691, 210.391

Deuteranomaly
62, 5.808, 259.983

Tritanomaly
62, 15.656, 214.947

Monochromacy



Original Color
62, 16.554, 195.994

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 6.385, 198.873

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 16.554, 195.994 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(111, 158, 157)` looks like.

```
.text, #text, p{  
    color:rgb(111, 158, 157)  
}
```

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(111, 158, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 158, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 16.554, 195.994 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(111, 158, 157) }
```

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

```
.border{ border-color:rgb(111, 158, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 158, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 158, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 158, 157);  
box-shadow:4px 4px 4px 4px rgb(111, 158,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 16.554, 195.994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 158, 157) }
```

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

```
.background{ background-color: rgb(111,  
158, 157) }
```

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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