

Converting Colors

CIELCh(62, 12.350, 195.358)

Have a look what the booklet for
CIELCh(62, 12.350, 195.358)
contains.

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Color

CIELCh(62, 12.349, 195.699)

Conversions

Conversions Part 1

Format	Color
Hex	7A9C9B
RGB	122, 156, 155
RGB Percent	48%, 61%, 61%
CMY	0.5205, 0.3871, 0.3911
CMYK	0.22, 0.00, 0.01, 0.39
HSL	178°, 15%, 55%
HSV	178°, 22%, 61%
XYZ	25.9384, 30.4025, 35.6325
YIQ	145.7200, -19.9430, -7.5190

Conversions

Conversions Part 2

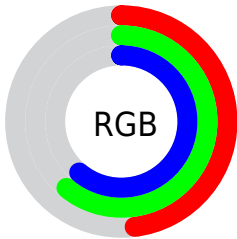
Format	Color
R_{YB}	122, 139, 156
Decimal	8035483
CIE _{Lab}	62.00, -11.89, -3.34
CIE _{LCh}	62, 12.349, 195.699
Yxy	30.4025, 0.2820, 0.3306
Android (android.graphics.Color)	4286225563 (0xFF7A9C9B)
YUV	145.7200, 4.5750, -20.8024
Hunter-Lab	55.1385, -12.5218, 0.2816

Details

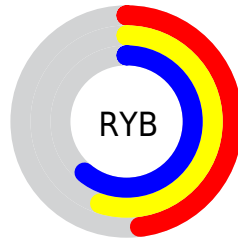
The CIELCh color **62, 12.349, 195.699** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **55, 14.104, 18.650**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 12.590, 193.680**, and **42, 12.521, 195.139** is the 20% darker color. If you saturate the color by 10%, you get **61, 17.428, 195.128**, and if you desaturate by 10%, it is **63, 6.859, 196.305**.

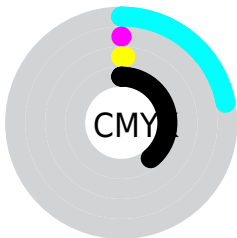
Distribution



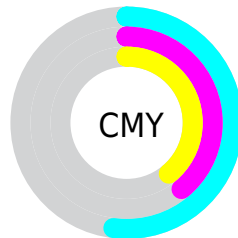
- Red (48%)
- Green (61%)
- Blue (61%)



- Red (48%)
- Yellow (55%)
- Blue (61%)



- Cyan (22%)
- Magenta (0%)
- Yellow (1%)
- Black (39%)



- Cyan (52%)
- Magenta (39%)
- Yellow (39%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 12.349, 195.699 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, 12.349, 195.699 by changing the saturation by 10% instead.

 62, 12.349,
195.699


 62, 12.349,
195.699

 100, 12.349,
195.699

 52, 12.349,
195.699

 82, 12.349,
195.699

 42, 12.349,
195.699

 92, 12.349,
195.699

 32, 12.349,
195.699

 22, 12.349,
195.699

 12, 12.349,
195.699

 2, 12.349, 195.699

 0, 12.349, 195.699

62, 12.349,
195.699

62, 12.349,
195.699

61, 17.428,
195.128

63, 6.859, 196.305

60, 22.001,
194.597

64, 1.049, 197.278

66, 4.999, 17.374

60, 25.980,
194.099

67, 11.209, 18.060

59, 29.293,
193.631

69, 17.520, 18.718

70, 23.882, 19.373

59, 31.890,
193.189

72, 30.256, 20.024

58, 33.761,
192.766

74, 36.611, 20.669

75, 39.713, 20.807

58, 34.938,
192.352

58, 35.564,

Harmonies

Complementary

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



62, 12.349, 195.699



55, 14.104, 18.650

Rectangle

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



62, 12.349, 195.699



62, 12.349, 245.699



62, 12.349, 15.699



62, 12.349, 65.699

Sweetspot

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



62, 12.350, 195.694



81, 5.127, 196.624



61, 23.104, 142.239



43, 3.320, 196.584



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



62, 12.350, 195.694



78, 18.057, 195.420



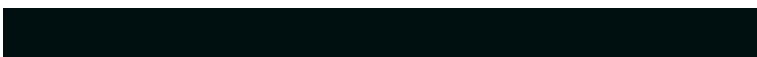
58, 10.981, 254.736



33, 3.349, 196.472



53, 33.287, 192.047



3, 4.482, 196.382

Inverse Universe

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



55, 14.104, 18.650



67, 21.292, 19.163



59, 11.760, 69.193



31, 3.534, 17.509



29, 66.084, 37.985



1, 4.479, 17.076

Previews

White Background



This preview shows how the CIELCh color 62, 12.349, 195.699 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, 12.349, 195.699 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

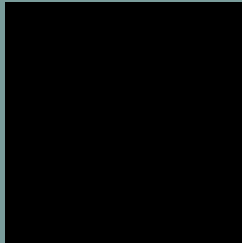
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 12.349, 195.699

Background



This preview shows how black text looks on a background with the CIELCh color 62, 12.349, 195.699.

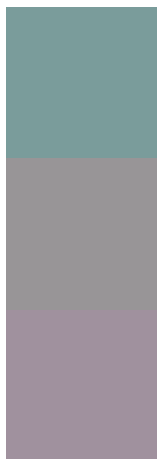


This preview shows how white text looks on a background with the CIELCh color 62, 12.349, 195.699.

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, 12.349, 195.699

Protanopia

62, 1.626, 335.624

Deuteranopia

62, 9.324, 328.822



Tritanopia
62, 12.336, 235.148

Trichromacy



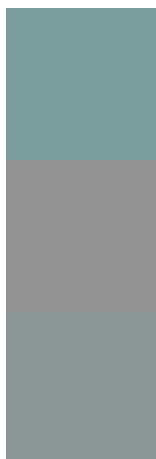
Original Color
62, 12.349, 195.699

Protanomaly
62, 4.175, 206.870

Deuteranomaly
62, 4.616, 276.554

Tritanomaly
62, 11.758, 221.101

Monochromacy



Original Color
62, 12.349, 195.699

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 4.966, 192.507

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 12.349, 195.699 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, 156, 155)` looks like.

```
.text, #text, p{  
    color:rgb(122, 156, 155)  
}
```

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, 156, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 156, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 12.349, 195.699 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, 156, 155) }
```

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

```
.border{ border-color:rgb(122, 156, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 156, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 156, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 156, 155);  
box-shadow:4px 4px 4px 4px rgb(122, 156,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 12.349, 195.699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 156, 155) }
```

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

```
.background{ background-color: rgb(122,  
156, 155) }
```

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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