

Converting Colors

CIELCh(62, 10.256, 211.947)

Have a look what the booklet for
CIELCh(62, 10.256, 211.947)
contains.

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Color

CIELCh(62, 10.310, 211.198)

Conversions

Conversions Part 1

Format	Color
Hex	7F9B9F
RGB	127, 155, 159
RGB Percent	50%, 61%, 62%
CMY	0.5024, 0.3926, 0.3770
CMYK	0.20, 0.03, 0.00, 0.38
HSL	187°, 14%, 56%
HSV	187°, 20%, 62%
XYZ	26.6819, 30.4025, 37.2056
YIQ	147.0840, -17.9720, -4.6920

Conversions

Conversions Part 2

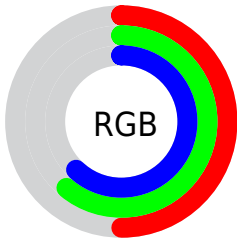
Format	Color
RYB	127, 142, 159
Decimal	8362911
CIELab	62.00, -8.82, -5.34
CIElCh	62, 10.310, 211.198
Yxy	30.4025, 0.2830, 0.3224
Android (android.graphics.Color)	4286552991 (0xFF7F9B9F)
YUV	147.0840, 5.8746, -17.6137
Hunter-Lab	55.1385, -10.1151, -1.4100

Details

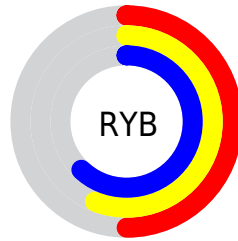
The CIELCh color **62, 10.310, 211.198** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **57, 11.788, 31.568**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 10.321, 213.699**, and **42, 10.407, 211.776** is the 20% darker color. If you saturate the color by 10%, you get **60, 14.900, 211.340**, and if you desaturate by 10%, it is **64, 5.343, 211.194**.

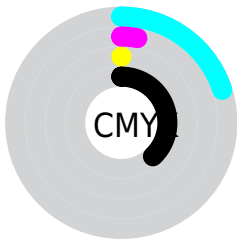
Distribution



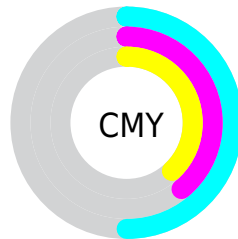
- Red (50%)
- Green (61%)
- Blue (62%)



- Red (50%)
- Yellow (56%)
- Blue (62%)



- Cyan (20%)
- Magenta (3%)
- Yellow (0%)
- Black (38%)





- Cyan (50%)
- Magenta (39%)
- Yellow (38%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 10.310, 211.198 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, 10.310, 211.198 by changing the saturation by 10% instead.


 62, 10.310,
211.198


 62, 10.310,
211.198


 100, 10.310,
211.198


 52, 10.310,
211.198


 82, 10.310,
211.198

 42, 10.310,
211.198

 92, 10.310,
211.198

 32, 10.310,
211.198

 22, 10.310,
211.198

 12, 10.310,
211.198

 2, 10.310, 211.198

 0, 10.310, 211.198

62, 10.310,
211.198

62, 10.310,
211.198

60, 14.900,
211.340

64, 5.343, 211.194

59, 19.028,
211.651

65, 0.076, 217.346

67, 5.422, 31.213

58, 22.612,
212.157

69, 11.090, 31.450

57, 25.579,
212.897

71, 16.878, 31.700

73, 22.746, 31.974

55, 27.874,
213.920

75, 28.660, 32.268

54, 29.477,
215.273

78, 34.596, 32.574

78, 34.484, 34.269

54, 30.413,
217.005

53, 30.877,

Harmonies

Complementary

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



62, 10.310, 211.198



57, 11.788, 31.568

Rectangle

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



62, 10.310, 211.198



62, 10.310, 261.198



62, 10.310, 31.198



62, 10.310, 81.198

Sweetspot

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



62, 10.310, 211.191



82, 3.955, 211.263



62, 20.201, 146.471



43, 2.640, 211.247



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, 10.310, 211.191



78, 14.999, 211.237



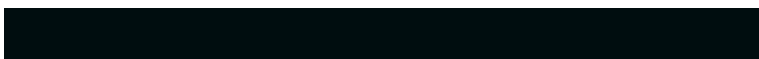
58, 11.953, 269.788



33, 2.975, 211.204



48, 28.574, 218.788



3, 3.914, 213.794

Inverse Universe

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



57, 20.125, 329.198



71, 29.712, 329.456



61, 12.155, 84.368



31, 5.602, 328.545



32, 68.183, 333.792



1, 7.162, 328.819

Previews

White Background



This preview shows how the CIELCh color 62, 10.310, 211.198 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 62, 10.310, 211.198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

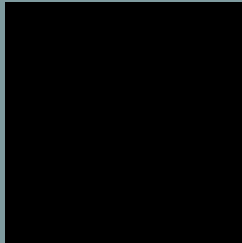
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

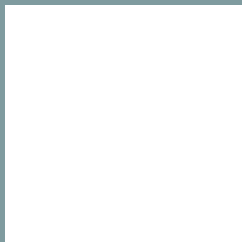
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 10.310, 211.198

Background



This preview shows how black text looks on a background with the CIELCh color 62, 10.310, 211.198.

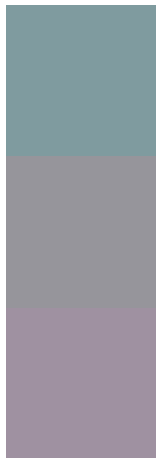


This preview shows how white text looks on a background with the CIELCh color 62, 10.310, 211.198.

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, 10.310, 211.198

Protanopia
62, 3.400, 296.980

Deuteranopia
62, 10.488, 321.446



Tritanopia
62, 11.246, 235.717

Trichromacy



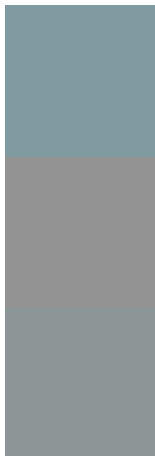
Original Color
62, 10.310, 211.198

Protanomaly
62, 4.342, 239.589

Deuteranomaly
62, 6.211, 283.966

Tritanomaly
62, 10.455, 227.731

Monochromacy



Original Color
62, 10.310, 211.198

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 3.816, 207.659

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 10.310, 211.198 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, 155, 159)` looks like.

```
.text, #text, p{  
    color:rgb(127, 155, 159)  
}
```

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, 155, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 155, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 10.310, 211.198 is called "border". The border property can be set on classes, ids or directly on the HTML element.

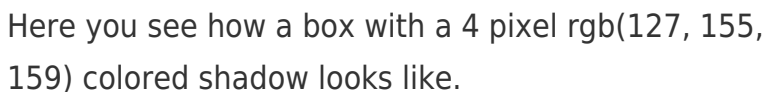
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(127, 155, 159) }
```

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

```
.border{ border-color:rgb(127, 155, 159) }
```

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



Here you see how a box with a 4 pixel `rgb(127, 155, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(127, 155, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(127, 155, 159); box-shadow:4px 4px 4px 4px rgb(127, 155, 159) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 10.310, 211.198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 155, 159) }
```

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

```
.background{ background-color: rgb(127,  
155, 159) }
```

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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