

Converting Colors

CIELCh(62, 18.301, 179.869)

Have a look what the booklet for
CIELCh(62, 18.301, 179.869)
contains.

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Color

CIELCh(62, 18.315, 179.851)

Conversions

Conversions Part 1

Format	Color
Hex	6F9F95
RGB	111, 159, 149
RGB Percent	44%, 62%, 58%
CMY	0.5642, 0.3760, 0.4152
CMYK	0.30, 0.00, 0.06, 0.38
HSL	167°, 20%, 53%
HSV	167°, 30%, 62%
XYZ	24.4268, 30.4025, 33.0680
YIQ	143.5080, -25.3980, -13.2860

Conversions

Conversions Part 2

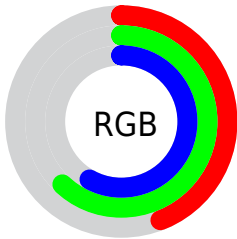
Format	Color
RYB	111, 138, 159
Decimal	7315349
CIELab	62.00, -18.31, 0.05
CIELCh	62, 18.315, 179.851
Yxy	30.4025, 0.2779, 0.3459
Android (android.graphics.Color)	4285505429 (0xFF6F9F95)
YUV	143.5080, 2.7076, -28.5095
Hunter-Lab	55.1385, -17.4153, 3.0391

Details

The CIELCh color **62, 18.315, 179.851** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **52, 20.645, 5.898**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 18.420, 179.579**, and **42, 18.145, 179.704** is the 20% darker color. If you saturate the color by 10%, you get **61, 23.757, 178.803**, and if you desaturate by 10%, it is **63, 12.494, 180.833**.

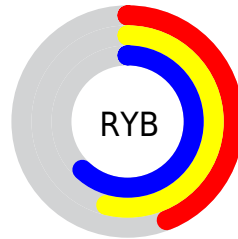
Distribution



Red (44%)

Green (62%)

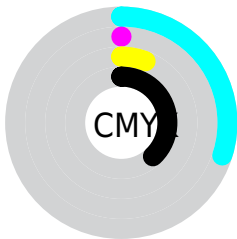
Blue (58%)



Red (44%)

Yellow (54%)

Blue (62%)

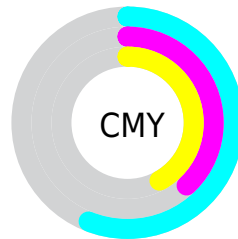


Cyan (30%)

Magenta (0%)

Yellow (6%)

Black (38%)



Cyan (56%)


Magenta (38%)


Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 18.315, 179.851 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, 18.315, 179.851 by changing the saturation by 10% instead.


 62, 18.315,
179.851


 62, 18.315,
179.851


 100, 18.315,
179.851


 52, 18.315,
179.851


 82, 18.315,
179.851


 42, 18.315,
179.851


 92, 18.315,
179.851

 32, 18.315,
179.851

 22, 18.315,
179.851

 12, 18.315,
179.851

 2, 18.315, 179.851

 0, 18.315, 179.851

■ 62, 18.315,
179.851

■ 62, 18.315,
179.851

■ 61, 23.757,
178.803

■ 63, 12.494,
180.833

■ 60, 28.715,
177.678

■ 64, 6.393, 181.787

■ 66, 0.103, 186.764

■ 60, 33.096,
176.453

■ 67, 6.296, 3.367

■ 59, 36.825,
175.107

■ 68, 12.739, 4.209

■ 59, 39.861,
173.616

■ 70, 19.173, 4.999

■ 72, 25.560, 5.757

■ 59, 42.212,
171.963

■ 74, 31.870, 6.488

■ 58, 44.042,
170.237

■ 76, 38.085, 7.195

Harmonies

Complementary

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



62, 18.315, 179.851



52, 20.645, 5.898

Rectangle

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



62, 18.315, 179.851



62, 18.315, 229.851



62, 18.315, 359.851



62, 18.315, 49.851

Sweetspot

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



62, 18.316, 179.848



82, 7.006, 181.883



62, 30.653, 136.785



43, 4.899, 181.750



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, 18.316, 179.848



78, 26.592, 179.175



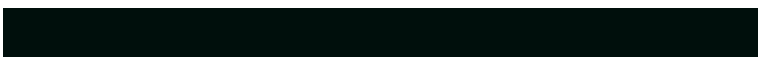
58, 14.008, 232.172



33, 3.540, 181.876



53, 40.588, 170.426



3, 4.760, 180.160

Inverse Universe

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



52, 20.645, 5.898



63, 30.836, 6.880



55, 16.834, 47.971



31, 3.666, 3.391



29, 59.407, 27.559



1, 4.671, 3.426

Previews

White Background



This preview shows how the CIELCh color 62, 18.315, 179.851 looks on a white background.

Color Contrast Check

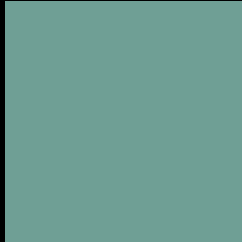
Large Text (above 18pt) WCAG AA × Fail

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, 18.315, 179.851 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

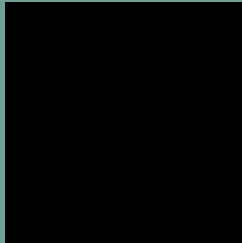
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

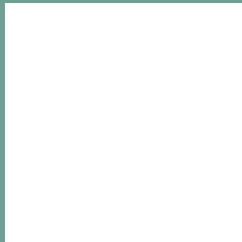
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 18.315, 179.851

Background



This preview shows how black text looks on a background with the CIELCh color 62, 18.315, 179.851.

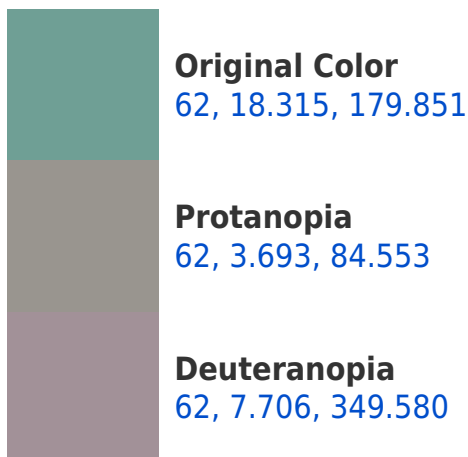



This preview shows how white text looks on a background with the CIELCh color 62, 18.315, 179.851.

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
62, 15.553, 226.509

Trichromacy



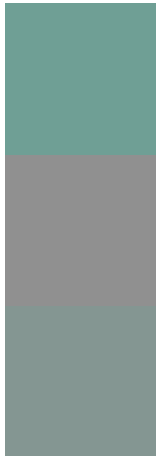
Original Color
62, 18.315, 179.851

Protanomaly
62, 7.347, 161.163

Deuteranomaly
62, 2.344, 213.261

Tritanomaly
62, 15.158, 208.886

Monochromacy



Original Color
62, 18.315, 179.851

Achromatopsia
60, 0.008, 296.813

Achromatomaly
61, 7.223, 180.565

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 18.315, 179.851 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, 159, 149)` looks like.

```
.text, #text, p{  
    color:rgb(111, 159, 149)  
}
```

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, 159, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 159, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 18.315, 179.851 is called "border". The border property can be set on classes, ids or directly on the HTML element.

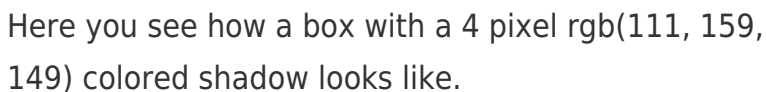
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(111, 159, 149) }
```

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

```
.border{ border-color:rgb(111, 159, 149) }
```

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



Here you see how a box with a 4 pixel `rgb(111, 159, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(111, 159, 149); -webkit-box-shadow:4px 4px 4px 4px rgb(111, 159, 149); box-shadow:4px 4px 4px 4px rgb(111, 159, 149) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 18.315, 179.851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 159, 149) }
```

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

```
.background{ background-color: rgb(111,  
159, 149) }
```

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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