

Converting Colors

CIELCh(62, 15.941, 196.525)

Have a look what the booklet for
CIELCh(62, 15.941, 196.525)
contains.

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Color

CIELCh(62, 15.925, 195.974)

Conversions

Conversions Part 1

Format	Color
Hex	719E9D
RGB	113, 158, 157
RGB Percent	44%, 62%, 62%
CMY	0.5568, 0.3803, 0.3843
CMYK	0.28, 0.00, 0.01, 0.38
HSL	179°, 19%, 53%
HSV	179°, 28%, 62%
XYZ	25.1261, 30.4025, 36.4461
YIQ	144.4310, -26.4990, -9.8510

Conversions

Conversions Part 2

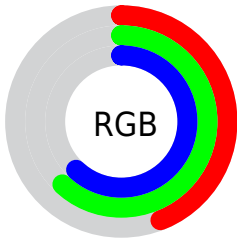
Format	Color
RYB	113, 136, 158
Decimal	7446173
CIELab	62.00, -15.31, -4.38
CIElCh	62, 15.925, 195.974
Yxy	30.4025, 0.2732, 0.3306
Android (android.graphics.Color)	4285636253 (0xFF719E9D)
YUV	144.4310, 6.1965, -27.5650
Hunter-Lab	55.1385, -15.1517, -0.5933

Details

The CIELCh color `62, 15.925, 195.974` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `52, 19.089, 19.953`, and the grayscale version is `60, 0.008, 296.813`.

A 20% lighter version of the original color is `82, 16.123, 194.485`, and `42, 15.995, 195.359` is the 20% darker color. If you saturate the color by 10%, you get `61, 20.697, 195.458`, and if you desaturate by 10%, it is `63, 10.670, 196.524`.

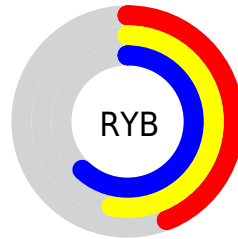
Distribution



Red (44%)

Green (62%)

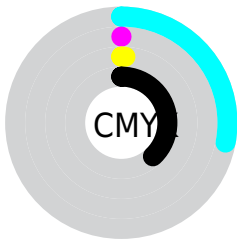
Blue (62%)



Red (44%)

Yellow (53%)

Blue (62%)

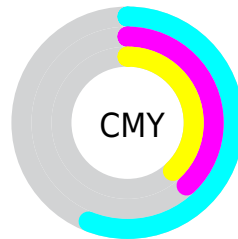


Cyan (28%)

Magenta (0%)

Yellow (1%)

Black (38%)



Cyan (56%)


Magenta (38%)


Yellow (38%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 15.925, 195.974 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, 15.925, 195.974 by changing the saturation by 10% instead.


 62, 15.925,
195.974


 62, 15.925,
195.974


 100, 15.925,
195.974


 52, 15.925,
195.974


 82, 15.925,
195.974

 42, 15.925,
195.974

 92, 15.925,
195.974

 32, 15.925,
195.974

 22, 15.925,
195.974

 12, 15.925,
195.974

 2, 15.925, 195.974

 0, 15.925, 195.974

62, 15.925,
195.974

62, 15.925,
195.974

61, 20.697,
195.458

63, 10.670,
196.524

60, 24.892,
194.985

64, 5.024, 197.142

65, 0.922, 17.144

60, 28.433,
194.551

67, 7.085, 18.192

59, 31.261,
194.153

68, 13.395, 18.851

59, 33.355,
193.786

70, 19.794, 19.498

71, 26.233, 20.143

59, 34.732,
193.443

73, 32.676, 20.786

59, 35.530,
193.114

75, 39.005, 21.410

59, 35.640,

Harmonies

Complementary

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



62, 15.925, 195.974



52, 19.089, 19.953

Rectangle

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



62, 15.925, 195.974



62, 15.925, 245.974



62, 15.925, 15.974



62, 15.925, 65.974

Sweetspot

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



62, 15.925, 195.970



82, 6.622, 197.094



61, 30.507, 141.731



43, 4.623, 197.003



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, 15.925, 195.970



79, 23.106, 195.649



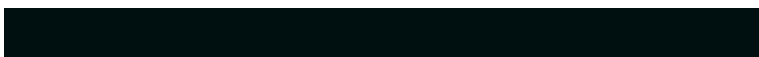
56, 14.407, 255.909



33, 3.346, 197.090



53, 33.090, 193.094



3, 4.479, 197.120

Inverse Universe

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



52, 19.089, 19.953



64, 28.952, 20.743



58, 15.806, 68.418



31, 3.534, 18.095



29, 66.329, 38.276



1, 4.477, 17.647

Previews

White Background



This preview shows how the CIELCh color 62, 15.925, 195.974 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, 15.925, 195.974 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

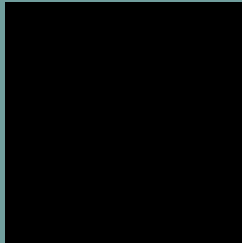
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

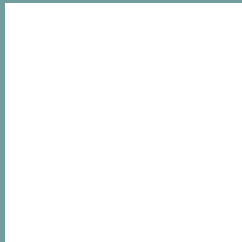
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 15.925, 195.974

Background



This preview shows how black text looks on a background with the CIELCh color 62, 15.925, 195.974.

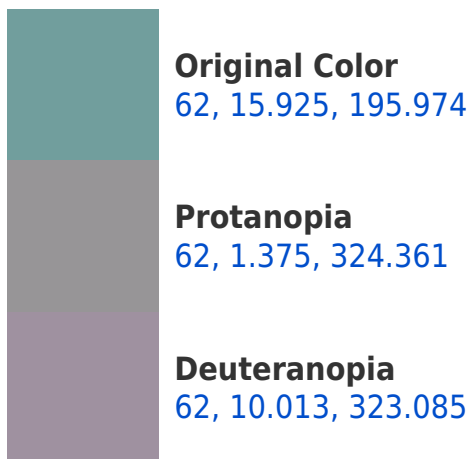


This preview shows how white text looks on a background with the CIELCh color 62, 15.925, 195.974.

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, 15.282, 227.072

Trichromacy



Original Color
62, 15.925, 195.974

Protanomaly
62, 5.635, 204.704

Deuteranomaly
62, 5.808, 259.983

Tritanomaly
62, 15.065, 215.671

Monochromacy



Original Color
62, 15.925, 195.974

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 6.019, 198.911

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 15.925, 195.974 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(113, 158, 157)` looks like.

```
.text, #text, p{  
    color:rgb(113, 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(113, 158, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 158, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 15.925, 195.974 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(113, 158, 157) }
```

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

```
.border{ border-color:rgb(113, 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(113, 158, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 158, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 158, 157);  
box-shadow:4px 4px 4px 4px rgb(113, 158,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 15.925, 195.974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 158, 157) }
```

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

```
.background{ background-color: rgb(113,  
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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