

Converting Colors

CIELCh(62, 15.119, 187.335)

Have a look what the booklet for
CIELCh(62, 15.119, 187.335)
contains.

CIELCh(62, 15.130, 187.323)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(62, 15.130, 187.323)

Conversions

Conversions Part 1

Format	Color
Hex	759E99
RGB	117, 158, 153
RGB Percent	46%, 62%, 60%
CMY	0.5423, 0.3816, 0.4012
CMYK	0.26, 0.00, 0.03, 0.38
HSL	173°, 17%, 54%
HSV	173°, 26%, 62%
XYZ	25.1974, 30.4025, 34.5478
YIQ	145.1710, -22.8310, -10.2470

Conversions

Conversions Part 2

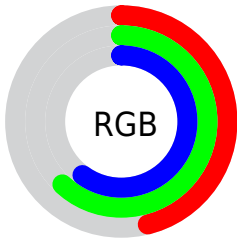
Format	Color
RYB	117, 139, 158
Decimal	7708313
CIELab	62.00, -15.01, -1.93
CIELCh	62, 15.130, 187.323
Yxy	30.4025, 0.2795, 0.3373
Android (android.graphics.Color)	4285898393 (0xFF759E99)
YUV	145.1710, 3.8597, -24.7060
Hunter-Lab	55.1385, -14.9207, 1.4479

Details

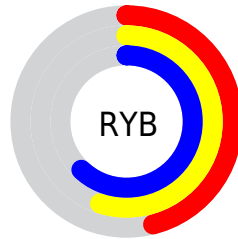
The CIELCh color **62, 15.130, 187.323** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **53, 17.238, 11.926**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 15.324, 186.304**, and **42, 15.393, 186.204** is the 20% darker color. If you saturate the color by 10%, you get **61, 20.335, 186.470**, and if you desaturate by 10%, it is **63, 9.533, 188.153**.

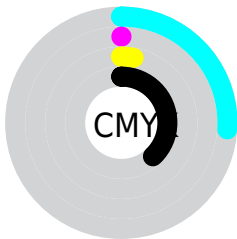
Distribution



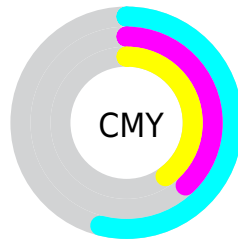
- Red (46%)
- Green (62%)
- Blue (60%)



- Red (46%)
- Yellow (55%)
- Blue (62%)



- Cyan (26%)
- Magenta (0%)
- Yellow (3%)
- Black (38%)





- Cyan (54%)
- Magenta (38%)
- Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 15.130, 187.323 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, 15.130, 187.323 by changing the saturation by 10% instead.


 62, 15.130,
187.323


 62, 15.130,
187.323


 100, 15.130,
187.323


 52, 15.130,
187.323


 82, 15.130,
187.323

 42, 15.130,
187.323

 92, 15.130,
187.323

 32, 15.130,
187.323

 22, 15.130,
187.323

 12, 15.130,
187.323

 2, 15.130, 187.323

 0, 15.130, 187.323

62, 15.130,
187.323

62, 15.130,
187.323

61, 20.335,
186.470

63, 9.533, 188.153

60, 25.048,
185.591

64, 3.637, 189.025

66, 2.469, 9.503

60, 29.176,
184.668

67, 8.710, 10.397

59, 32.645,
183.687

68, 15.022, 11.170

70, 21.355, 11.916

59, 35.407,
182.629

72, 27.669, 12.644

58, 37.457,
181.475

74, 33.937, 13.354

75, 38.710, 13.540

58, 38.860,
180.216

58, 39.354,

179.710

Harmonies

Complementary

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



62, 15.130, 187.323



53, 17.238, 11.926

Rectangle

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



62, 15.130, 187.323



62, 15.130, 237.323



62, 15.130, 7.323



62, 15.130, 57.323

Sweetspot

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



62, 15.131, 187.319



81, 5.967, 188.823



61, 26.927, 139.351



42, 4.221, 188.697



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, 15.131, 187.319



78, 21.904, 186.847



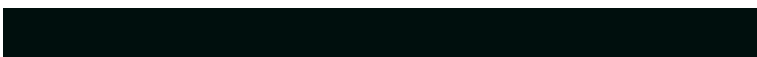
58, 12.335, 242.916



33, 3.421, 188.725



53, 36.554, 179.835



3, 4.584, 187.469

Inverse Universe

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



53, 17.238, 11.926



65, 25.743, 12.678



57, 13.999, 57.538



31, 3.575, 10.080



29, 62.802, 33.592



1, 4.546, 9.877

Previews

White Background



This preview shows how the CIELCh color 62, 15.130, 187.323 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, 15.130, 187.323 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

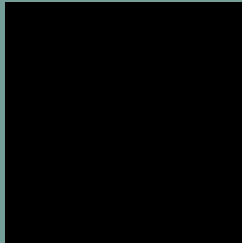
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

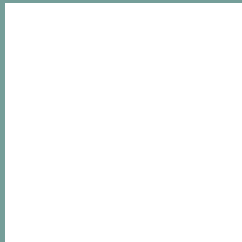
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 15.130, 187.323

Background



This preview shows how black text looks on a background with the CIELCh color 62, 15.130, 187.323.

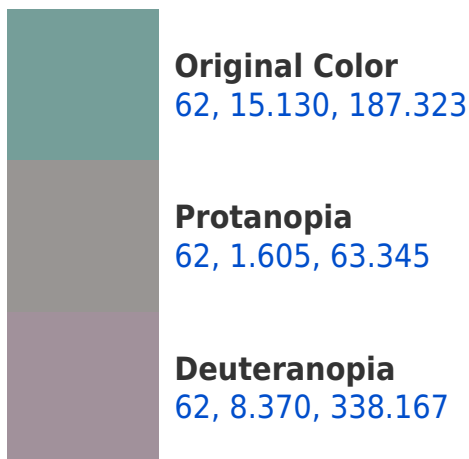


This preview shows how white text looks on a background with the CIELCh color 62, 15.130, 187.323.

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, 13.935, 230.278

Trichromacy



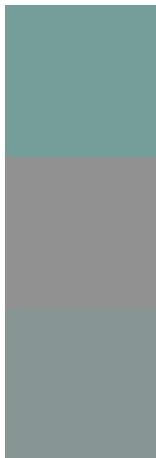
Original Color
62, 15.130, 187.323

Protanomaly
62, 5.246, 180.256

Deuteranomaly
62, 2.913, 249.958

Tritanomaly
62, 13.365, 213.010

Monochromacy



Original Color
62, 15.130, 187.323

Achromatopsia
60, 0.008, 296.813

Achromatomaly
61, 5.810, 187.735

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 15.130, 187.323 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(117, 158, 153)` looks like.

```
.text, #text, p{  
    color:rgb(117, 158, 153)  
}
```

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(117, 158, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 158, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 15.130, 187.323 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(117, 158, 153) }
```

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

```
.border{ border-color:rgb(117, 158, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 158, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 158, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 158, 153);  
box-shadow:4px 4px 4px 4px rgb(117, 158,  
153) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 15.130, 187.323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 158, 153) }
```

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

```
.background{ background-color: rgb(117,  
158, 153) }
```

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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