

Converting Colors

CIELCh(62, 23.005, 211.829)

Have a look what the booklet for
CIELCh(62, 23.005, 211.829)
contains.

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Color

CIELCh(62, 23.011, 211.815)

Conversions

Conversions Part 1

Format	Color
Hex	5AA1AB
RGB	90, 161, 171
RGB Percent	35%, 63%, 67%
CMY	0.6489, 0.3704, 0.3312
CMYK	0.48, 0.06, 0.00, 0.33
HSL	187°, 32%, 51%
HSV	187°, 48%, 67%
XYZ	24.1424, 30.4025, 42.8937
YIQ	140.9110, -45.5260, -11.9420

Conversions

Conversions Part 2

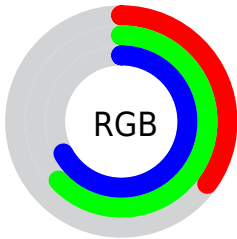
Format	Color
RYB	90, 128, 171
Decimal	5939627
CIELab	62.00, -19.55, -12.13
CIElCh	62, 23.011, 211.815
Yxy	30.4025, 0.2478, 0.3120
Android (android.graphics.Color)	4284129707 (0xFF5AA1AB)
YUV	140.9110, 14.8339, -44.6489
Hunter-Lab	55.1385, -18.3362, -7.5263

Details

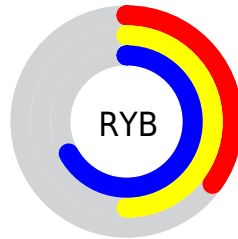
The CIELCh color **62, 23.011, 211.815** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **50, 32.930, 33.248**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **82, 23.006, 211.342**, and **42, 22.918, 212.486** is the 20% darker color. If you saturate the color by 10%, you get **61, 26.316, 212.484**, and if you desaturate by 10%, it is **63, 19.063, 211.366**.

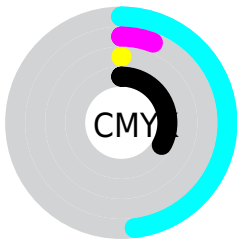
Distribution



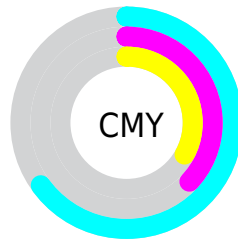
- Red (35%)
- Green (63%)
- Blue (67%)



- Red (35%)
- Yellow (50%)
- Blue (67%)



- Cyan (48%)
- Magenta (6%)
- Yellow (0%)
- Black (33%)





- Cyan (65%)
- Magenta (37%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 23.011, 211.815 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, 23.011, 211.815 by changing the saturation by 10% instead.


 62, 23.011,
211.815


 62, 23.011,
211.815


 100, 23.011,
211.815


 52, 23.011,
211.815


 82, 23.011,
211.815

 42, 23.011,
211.815

 92, 23.011,
211.815

 32, 23.011,
211.815

 22, 23.011,
211.815

 12, 23.011,
211.815

 2, 23.011, 211.815

 0, 23.011, 211.815

62, 23.011,
211.815

62, 23.011,
211.815

61, 26.316,
212.484

63, 19.063,
211.366

60, 28.915,
213.426

65, 14.556,
211.106

59, 30.778,
214.687

67, 9.579, 211.002

58, 31.917,
216.317

68, 4.221, 211.063

70, 1.438, 30.691

57, 32.442,
218.325

72, 7.323, 31.125

57, 32.546,
218.845

74, 13.375, 31.368

76, 19.543, 31.631

79, 25.784, 31.918

Harmonies

Complementary

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



62, 23.011, 211.815



50, 32.930, 33.248

Rectangle

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



62, 23.011, 211.815



62, 23.011, 261.815



62, 23.011, 31.815



62, 23.011, 81.815

Sweetspot

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



62, 23.011, 211.813



85, 9.583, 211.000



63, 49.804, 143.863



45, 6.628, 211.000



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



62, 23.011, 211.813



77, 32.208, 212.526



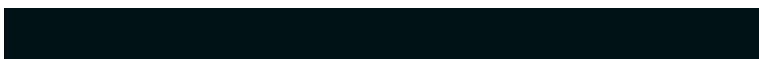
50, 30.223, 275.468



35, 3.136, 211.035



50, 29.332, 218.551



4, 5.684, 215.692

Inverse Universe

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



50, 49.386, 330.792



60, 71.503, 331.407



60, 31.452, 80.656



33, 5.906, 328.502



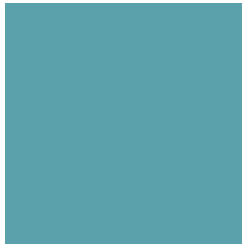
34, 70.013, 333.733



2, 10.395, 329.386

Previews

White Background



This preview shows how the CIE LCh color 62, 23.011, 211.815 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, 23.011, 211.815 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

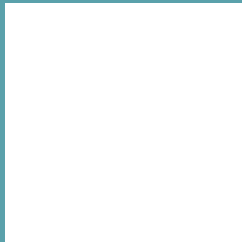
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 23.011, 211.815

Background



This preview shows how black text looks on a background with the CIELCh color 62, 23.011, 211.815.

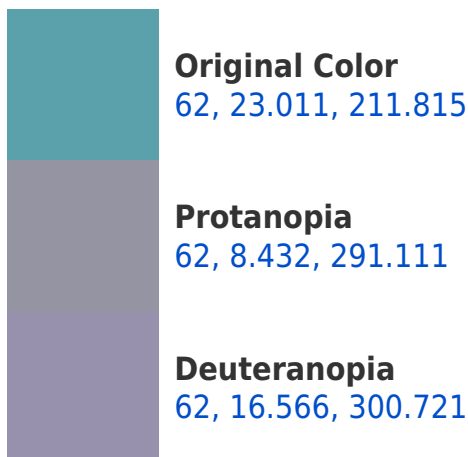


This preview shows how white text looks on a background with the CIELCh color 62, 23.011, 211.815.

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](#).

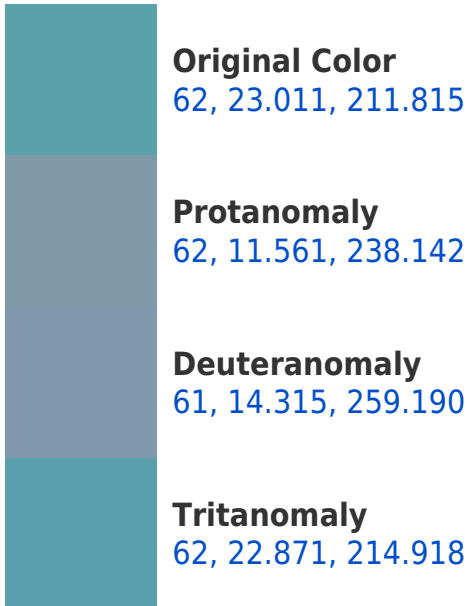
Dichromacy



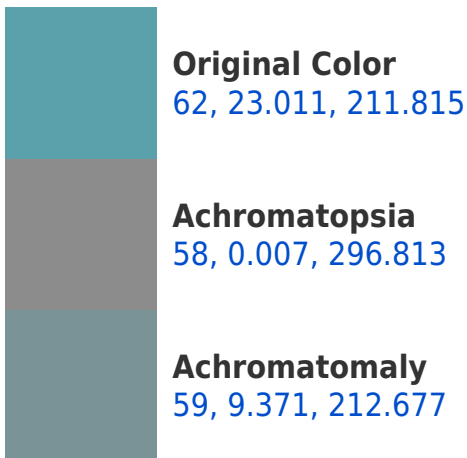


Tritanopia
62, 22.945, 216.365

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 23.011, 211.815 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(90, 161, 171)` looks like.

```
.text, #text, p{  
    color:rgb(90, 161, 171)  
}
```

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(90, 161, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 161, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 23.011, 211.815 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(90, 161, 171) }
```

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

```
.border{ border-color:rgb(90, 161, 171) }
```

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

Here you see how a box with a 4 pixel rgb(90, 161, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 161, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 161, 171);  
box-shadow:4px 4px 4px 4px rgb(90, 161,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 23.011, 211.815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 161, 171) }
```

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

```
.background{ background-color: rgb(90, 161,  
171) }
```

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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