

Converting Colors

CIELCh(62, 30.830, 196.800)

Have a look what the booklet for
CIELCh(62, 30.830, 196.800)
contains.

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Color

CIELCh(62, 30.864, 196.811)

Conversions

Conversions Part 1

Format	Color
Hex	3BA5A5
RGB	59, 165, 165
RGB Percent	23%, 65%, 65%
CMY	0.7703, 0.3543, 0.3543
CMYK	0.64, 0.00, 0.00, 0.35
HSL	180°, 48%, 44%
HSV	180°, 64%, 65%
XYZ	21.9284, 30.4025, 40.1421
YIQ	133.3060, -63.1760, -22.4720

Conversions

Conversions Part 2

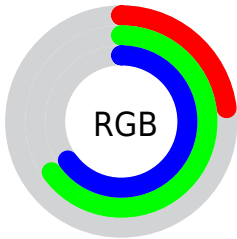
Format	Color
RYB	59, 112, 165
Decimal	3909029
CIELab	62.00, -29.54, -8.93
CIELCh	62, 30.864, 196.811
Yxy	30.4025, 0.2371, 0.3288
Android (android.graphics.Color)	4282099109 (0xFF3BA5A5)
YUV	133.3060, 15.6251, -65.1664
Hunter-Lab	55.1385, -25.5034, -4.5676

Details

The CIELCh color **62, 30.864, 196.811** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **40, 49.732, 28.420**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **82, 30.621, 197.315**, and **43, 27.495, 196.386** is the 20% darker color. If you saturate the color by 10%, you get **62, 33.236, 196.619**, and if you desaturate by 10%, it is **62, 27.731, 197.065**.

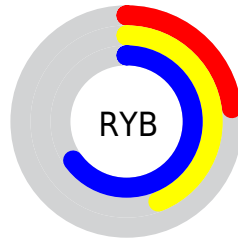
Distribution



Red (23%)

Green (65%)

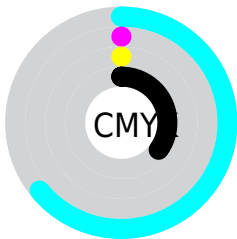
Blue (65%)



Red (23%)

Yellow (44%)

Blue (65%)

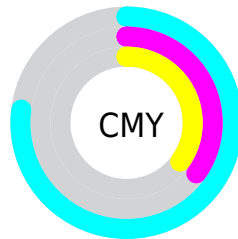


Cyan (64%)

Magenta (0%)

Yellow (0%)

Black (35%)



Cyan (77%)


Magenta (35%)


Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 30.864, 196.811 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, 30.864, 196.811 by changing the saturation by 10% instead.


 62, 30.864,
196.811


 62, 30.864,
196.811


 100, 30.864,
196.811


 52, 30.864,
196.811


 82, 30.864,
196.811

 42, 30.864,
196.811

 92, 30.864,
196.811

 32, 30.864,
196.811

 22, 30.864,
196.811

 12, 30.864,
196.811

 2, 30.864, 196.811

 0, 30.864, 196.811

62, 30.864,
196.811

62, 30.864,
196.811

62, 33.236,
196.619

62, 27.731,
197.065

61, 34.853,
196.490

63, 23.871,
197.384

61, 35.770,
196.417

64, 19.352,
197.764

61, 36.122,
196.389

65, 14.259,
198.203

66, 8.687, 198.702

67, 2.733, 199.341

68, 3.511, 19.583

70, 9.964, 20.249

71, 16.557, 20.864

Harmonies

Complementary

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



62, 30.864, 196.811



40, 49.732, 28.420

Rectangle

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



62, 30.864, 196.811



62, 30.864, 246.811



62, 30.864, 16.811



62, 30.864, 66.811

Sweetspot

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



62, 30.864, 196.810



83, 13.967, 198.448



60, 68.229, 138.847



43, 9.513, 198.315



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



62, 30.864, 196.810



78, 41.319, 196.560



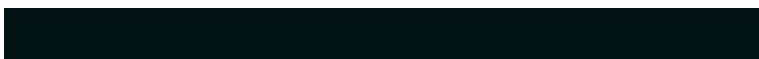
46, 33.760, 269.109



34, 3.427, 198.996



54, 32.966, 196.389



4, 5.463, 199.424

Inverse Universe

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



44, 67.352, 327.562



53, 93.043, 327.951



52, 40.523, 67.405



32, 6.267, 324.918



34, 76.020, 328.233



2, 9.704, 324.439

Previews

White Background



This preview shows how the CIELCh color 62, 30.864, 196.811 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, 30.864, 196.811 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

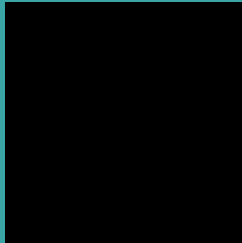
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 30.864, 196.811

Background



This preview shows how black text looks on a background with the CIELCh color 62, 30.864, 196.811.

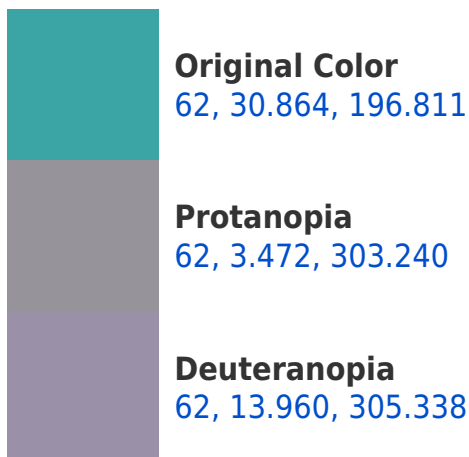



This preview shows how white text looks on a background with the CIELCh color 62, 30.864, 196.811.

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, 28.846, 211.963

Trichromacy



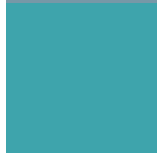
Original Color
62, 30.864, 196.811



Protanomaly
61, 13.261, 208.115



Deuteranomaly
61, 13.970, 236.019

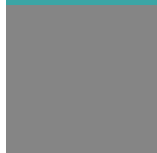


Tritanomaly
62, 29.460, 205.873

Monochromacy



Original Color
62, 30.864, 196.811



Achromatopsia
56, 0.007, 296.813



Achromatomaly
57, 14.044, 198.100

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 30.864, 196.811 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(59, 165, 165)` looks like.

```
.text, #text, p{  
    color:rgb(59, 165, 165)  
}
```

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(59, 165, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 165, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 30.864, 196.811 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(59, 165, 165) }
```

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

```
.border{ border-color:rgb(59, 165, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 165, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 165, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 165, 165);  
box-shadow:4px 4px 4px 4px rgb(59, 165,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 30.864, 196.811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 165, 165) }
```

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

```
.background{ background-color: rgb(59, 165,  
165) }
```

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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