

Converting Colors

CIELCh(62, 29.490, 167.090)

Have a look what the booklet for
CIELCh(62, 29.490, 167.090)
contains.

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Color

CIELCh(62, 29.370, 167.043)

Conversions

Conversions Part 1

Format	Color
Hex	5CA389
RGB	92, 163, 137
RGB Percent	36%, 64%, 54%
CMY	0.6381, 0.3596, 0.4616
CMYK	0.43, 0.00, 0.16, 0.36
HSL	158°, 28%, 50%
HSV	158°, 43%, 64%
XYZ	22.1270, 30.4025, 28.4745
YIQ	138.8070, -33.9700, -23.1380

Conversions

Conversions Part 2

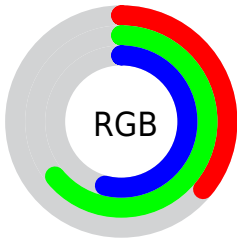
Format	Color
RYB	92, 135, 163
Decimal	6071177
CIELab	62.00, -28.62, 6.59
CIElCh	62, 29.370, 167.043
Yxy	30.4025, 0.2732, 0.3753
Android (android.graphics.Color)	4284261257 (0xFF5CA389)
YUV	138.8070, -0.8909, -41.0497
Hunter-Lab	55.1385, -24.8606, 7.9786

Details

The CIELCh color **62, 29.370, 167.043** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **48, 32.367, 356.591**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **82, 29.233, 166.812**, and **42, 29.613, 166.737** is the 20% darker color. If you saturate the color by 10%, you get **61, 35.267, 165.704**, and if you desaturate by 10%, it is **63, 23.029, 168.246**.

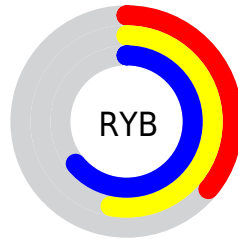
Distribution



Red (36%)

Green (64%)

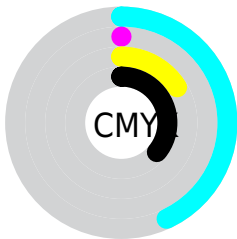
Blue (54%)



Red (36%)

Yellow (53%)

Blue (64%)

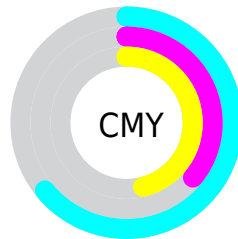


Cyan (43%)

Magenta (0%)

Yellow (16%)

Black (36%)



Cyan (64%)


Magenta (36%)


Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 29.370, 167.043 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, 29.370, 167.043 by changing the saturation by 10% instead.


 62, 29.370,
167.043


 62, 29.370,
167.043


 100, 29.370,
167.043


 52, 29.370,
167.043


 82, 29.370,
167.043

 42, 29.370,
167.043

 92, 29.370,
167.043

 32, 29.370,
167.043

 22, 29.370,
167.043

 12, 29.370,
167.043

 2, 29.370, 167.043

 0, 29.370, 167.043

■ 62, 29.370,
167.043

■ 62, 29.370,
167.043

■ 61, 35.267,
165.704

■ 63, 23.029,
168.246

■ 61, 40.613,
164.208

■ 64, 16.357,
169.341

■ 60, 45.322,
162.531

■ 65, 9.465, 170.351

■ 60, 49.353,
160.655

■ 67, 2.451, 171.384

■ 68, 4.602, 351.990

■ 59, 52.717,
158.579

■ 70, 11.627,
352.835

■ 59, 54.699,
157.206

■ 71, 18.573,
353.595

■ 73, 25.403,
354.308

■ 75, 32.093,
354.982

Harmonies

Complementary

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



62, 29.370, 167.043



48, 32.367, 356.591

Rectangle

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



62, 29.370, 167.043



62, 29.370, 217.043



62, 29.370, 347.043



62, 29.370, 37.043

Sweetspot

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



62, 29.371, 167.042



83, 11.273, 170.375



62, 42.833, 131.556



44, 7.942, 170.166



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, 29.371, 167.042



78, 42.411, 165.778



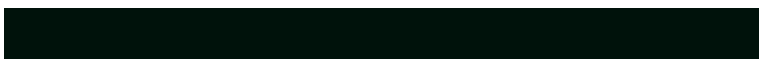
60, 20.617, 212.894



34, 3.977, 170.764



53, 50.012, 157.447



4, 6.455, 167.988

Inverse Universe

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



48, 32.367, 356.591



57, 47.598, 358.278



50, 28.429, 33.673



32, 4.060, 352.313



30, 56.046, 13.773



1, 6.099, 353.786

Previews

White Background



This preview shows how the CIELCh color 62, 29.370, 167.043 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, 29.370, 167.043 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

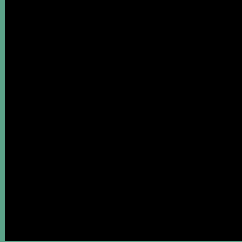
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 29.370, 167.043

Background



This preview shows how black text looks on a background with the CIELCh color 62, 29.370, 167.043.

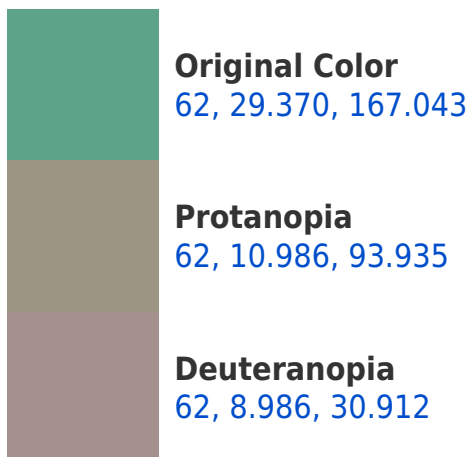


This preview shows how white text looks on a background with the CIELCh color 62, 29.370, 167.043.

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](#).

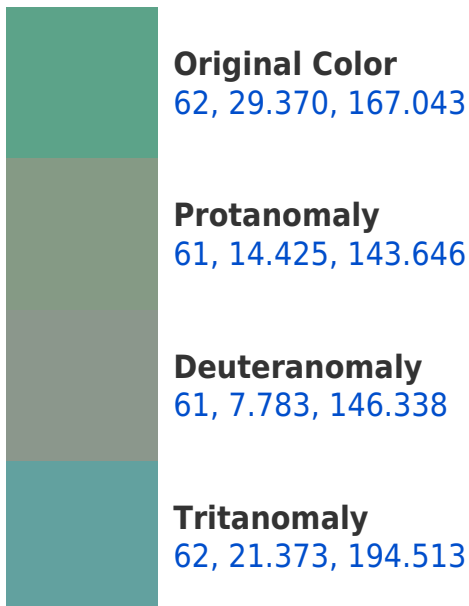
Dichromacy



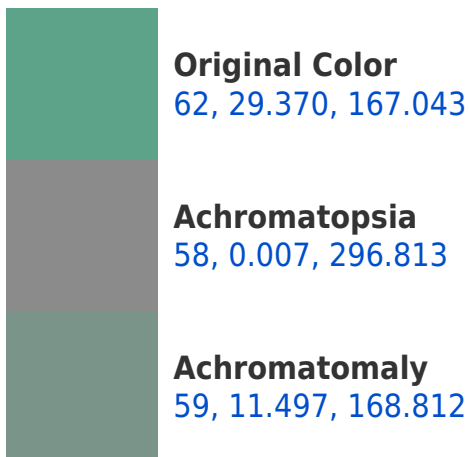


Tritanopia
62, 19.908, 217.824

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 29.370, 167.043 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(92, 163, 137)` looks like.

```
.text, #text, p{  
    color:rgb(92, 163, 137)  
}
```

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(92, 163, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 163, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 29.370, 167.043 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(92, 163, 137) }
```

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

```
.border{ border-color:rgb(92, 163, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 163, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 163, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 163, 137);  
box-shadow:4px 4px 4px 4px rgb(92, 163,  
137) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 29.370, 167.043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 163, 137) }
```

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

```
.background{ background-color: rgb(92, 163,  
137) }
```

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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