

Converting Colors

CIELCh(62, 28.078, 169.284)

Have a look what the booklet for
CIELCh(62, 28.078, 169.284)
contains.

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Color

CIELCh(62, 28.124, 169.592)

Conversions

Conversions Part 1

Format	Color
Hex	5DA38C
RGB	93, 163, 140
RGB Percent	36%, 64%, 55%
CMY	0.6354, 0.3609, 0.4511
CMYK	0.43, 0.00, 0.14, 0.36
HSL	160°, 28%, 50%
HSV	160°, 43%, 64%
XYZ	22.3350, 30.4025, 29.4912
YIQ	139.4480, -34.3370, -21.9930

Conversions

Conversions Part 2

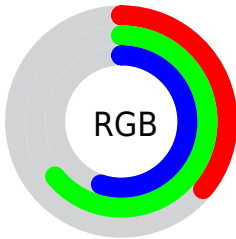
Format	Color
RYB	93, 135, 163
Decimal	6136716
CIELab	62.00, -27.66, 5.08
CIELCh	62, 28.124, 169.592
Yxy	30.4025, 0.2716, 0.3697
Android (android.graphics.Color)	4284326796 (0xFF5DA38C)
YUV	139.4480, 0.2721, -40.7349
Hunter-Lab	55.1385, -24.1871, 6.8853

Details

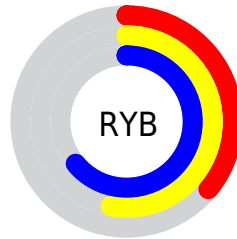
The CIELCh color **62, 28.124, 169.592** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **48, 31.484, 359.140**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **82, 27.749, 170.115**, and **42, 28.308, 169.520** is the 20% darker color. If you saturate the color by 10%, you get **61, 33.783, 168.280**, and if you desaturate by 10%, it is **63, 22.011, 170.777**.

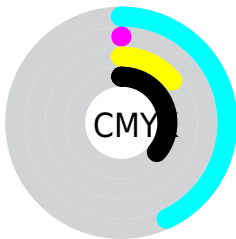
Distribution



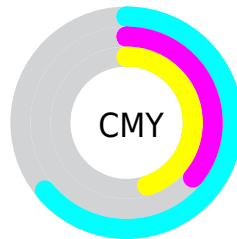
- Red (36%)
- Green (64%)
- Blue (55%)



- Red (36%)
- Yellow (53%)
- Blue (64%)



- Cyan (43%)
- Magenta (0%)
- Yellow (14%)
- Black (36%)





- Cyan (64%)
- Magenta (36%)
- Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 28.124, 169.592 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, 28.124, 169.592 by changing the saturation by 10% instead.


 62, 28.124,
169.592


 62, 28.124,
169.592


 100, 28.124,
169.592


 52, 28.124,
169.592


 82, 28.124,
169.592

 42, 28.124,
169.592

 92, 28.124,
169.592

 32, 28.124,
169.592

 22, 28.124,
169.592

 12, 28.124,
169.592

 2, 28.124, 169.592

 0, 28.124, 169.592

62, 28.124,
169.592

62, 28.124,
169.592

61, 33.783,
168.280

63, 22.011,
170.777

61, 38.881,
166.820

64, 15.554,
171.863

60, 43.340,
165.189

65, 8.860, 172.874

60, 47.117,
163.367

67, 2.027, 173.947

68, 4.863, 354.525

59, 50.227,
161.348

70, 11.743,
355.382

59, 52.172,
159.889

71, 18.560,
356.160

73, 25.279,
356.893

■ 75, 31.871,
357.590

Harmonies

Complementary

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



62, 28.124, 169.592



48, 31.484, 359.140

Rectangle

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



62, 28.124, 169.592



62, 28.124, 219.592



62, 28.124, 349.592



62, 28.124, 39.592

Sweetspot

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



62, 28.125, 169.591



83, 10.999, 172.846



62, 42.681, 132.619



44, 7.745, 172.635



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, 28.125, 169.591



78, 41.039, 168.278



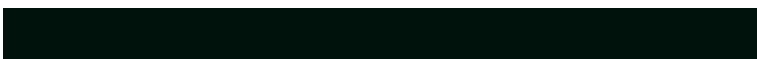
59, 19.965, 217.321



34, 3.882, 173.239



53, 47.789, 160.121



4, 6.301, 170.281

Inverse Universe

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



48, 31.484, 359.140



57, 47.078, 1.003



50, 27.335, 36.497



32, 3.976, 354.805



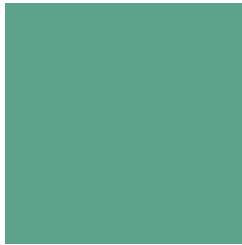
30, 56.686, 17.307



1, 5.983, 356.119

Previews

White Background



This preview shows how the CIE LCh color 62, 28.124, 169.592 looks on a white background.

Color Contrast Check

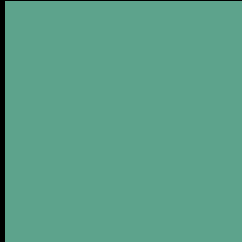
Large Text (above 18pt) WCAG AA × Fail

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, 28.124, 169.592 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

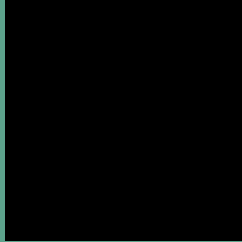
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 28.124, 169.592

Background



This preview shows how black text looks on a background with the CIELCh color 62, 28.124, 169.592.

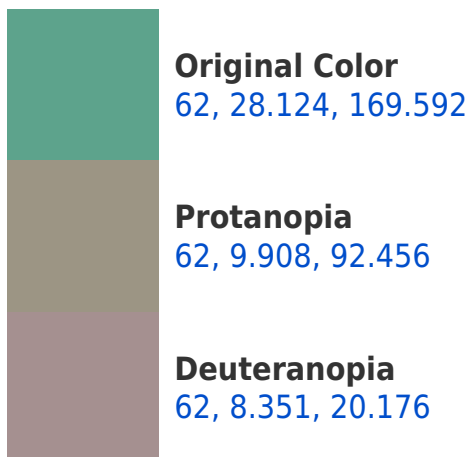


This preview shows how white text looks on a background with the CIELCh color 62, 28.124, 169.592.

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



Original Color
62, 28.124, 169.592

Protanomaly
62, 13.507, 146.306

Deuteranomaly
61, 6.496, 155.154

Tritanomaly
62, 20.896, 197.594

Monochromacy



Original Color
62, 28.124, 169.592

Achromatopsia
58, 0.007, 296.813

Achromatomaly
59, 11.198, 171.265

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 28.124, 169.592 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(93, 163, 140)` looks like.

```
.text, #text, p{  
    color:rgb(93, 163, 140)  
}
```

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(93, 163, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 163, 140) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 28.124, 169.592 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(93, 163, 140) }
```

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

```
.border{ border-color:rgb(93, 163, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 163, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 163, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 163, 140);  
box-shadow:4px 4px 4px 4px rgb(93, 163,  
140) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 28.124, 169.592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 163, 140) }
```

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

```
.background{ background-color: rgb(93, 163,  
140) }
```

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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