

Converting Colors

CIELCh(63, 27.962, 169.471)

Have a look what the booklet for
CIELCh(63, 27.962, 169.471)
contains.

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Color

CIELCh(63, 28.075, 169.681)

Conversions

Conversions Part 1

Format	Color
Hex	60A68F
RGB	96, 166, 143
RGB Percent	38%, 65%, 56%
CMY	0.6249, 0.3504, 0.4405
CMYK	0.42, 0.00, 0.14, 0.35
HSL	160°, 28%, 51%
HSV	160°, 42%, 65%
XYZ	23.2932, 31.5869, 30.7222
YIQ	142.4480, -34.3370, -21.9930

Conversions

Conversions Part 2

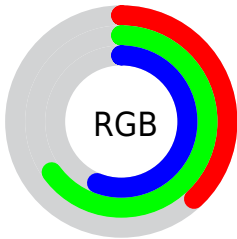
Format	Color
RYB	96, 138, 166
Decimal	6334095
CIELab	63.00, -27.62, 5.03
CIElCh	63, 28.075, 169.681
Yxy	31.5869, 0.2721, 0.3690
Android (android.graphics.Color)	4284524175 (0xFF60A68F)
YUV	142.4480, 0.2721, -40.7349
Hunter-Lab	56.2022, -24.3739, 6.9315

Details

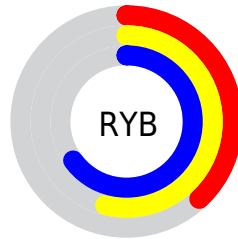
The CIELCh color **63, 28.075, 169.681** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **49, 31.379, 359.042**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 27.697, 170.163**, and **43, 28.128, 169.560** is the 20% darker color. If you saturate the color by 10%, you get **62, 33.841, 168.376**, and if you desaturate by 10%, it is **64, 21.855, 170.861**.

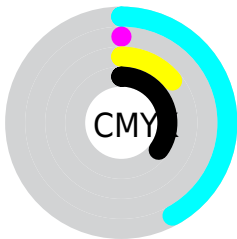
Distribution



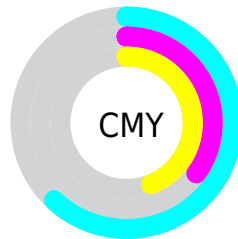
- Red (38%)
- Green (65%)
- Blue (56%)



- Red (38%)
- Yellow (54%)
- Blue (65%)



- Cyan (42%)
- Magenta (0%)
- Yellow (14%)
- Black (35%)





- Cyan (62%)
- Magenta (35%)
- Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 28.075, 169.681 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 63, 28.075, 169.681 by changing the saturation by 10% instead.


 63, 28.075,
169.681


 63, 28.075,
169.681


 100, 28.075,
169.681


 53, 28.075,
169.681


 83, 28.075,
169.681

 43, 28.075,
169.681

 93, 28.075,
169.681

 33, 28.075,
169.681

 23, 28.075,
169.681

 13, 28.075,
169.681

 3, 28.075, 169.681

 0, 28.075, 169.681

63, 28.075,
169.681

63, 28.075,
169.681

62, 33.841,
168.376

64, 21.855,
170.861

62, 39.045,
166.925

65, 15.293,
171.942

61, 43.604,
165.303

66, 8.497, 172.951

61, 47.473,
163.491

68, 1.567, 174.078

69, 5.416, 354.601

60, 50.661,
161.480

71, 12.384,
355.449

60, 52.822,
159.867

73, 19.287,
356.224

74, 26.086,
356.955

■ 76, 32.756,
357.651

Harmonies

Complementary

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



63, 28.075, 169.681



49, 31.379, 359.042

Rectangle

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



63, 28.075, 169.681



63, 28.075, 219.681



63, 28.075, 349.681



63, 28.075, 39.681

Sweetspot

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



63, 28.076, 169.680



83, 11.105, 172.854



63, 42.570, 132.653



44, 7.745, 172.644



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



63, 28.076, 169.680



79, 40.754, 168.421



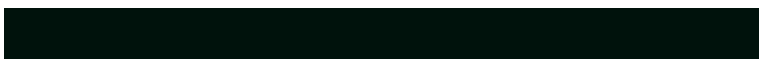
60, 19.963, 217.270



34, 3.882, 173.247



53, 47.781, 160.131



4, 6.301, 170.290

Inverse Universe

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



49, 31.379, 359.042



58, 46.651, 0.813



51, 27.180, 36.460



32, 3.976, 354.814



30, 56.689, 17.319



1, 5.982, 356.128

Previews

White Background



This preview shows how the CIELCh color 63, 28.075, 169.681 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 63, 28.075, 169.681 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 63, 28.075, 169.681

Background



This preview shows how black text looks on a background with the CIELCh color 63, 28.075, 169.681.

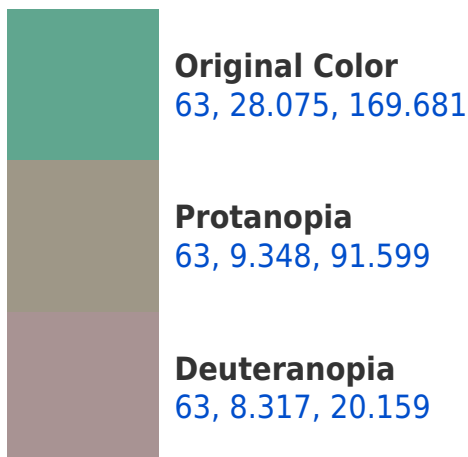


This preview shows how white text looks on a background with the CIELCh color 63, 28.075, 169.681.

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](#).

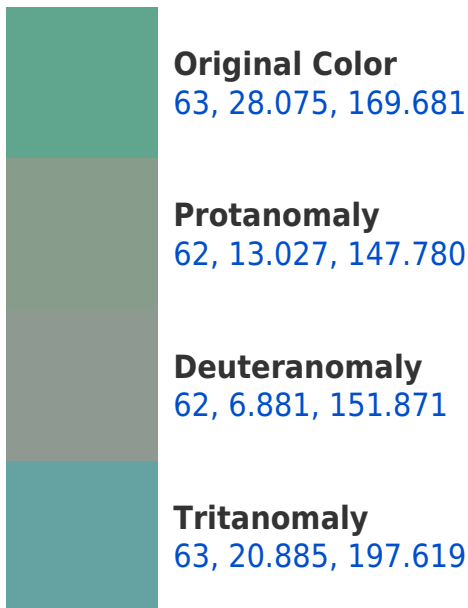
Dichromacy



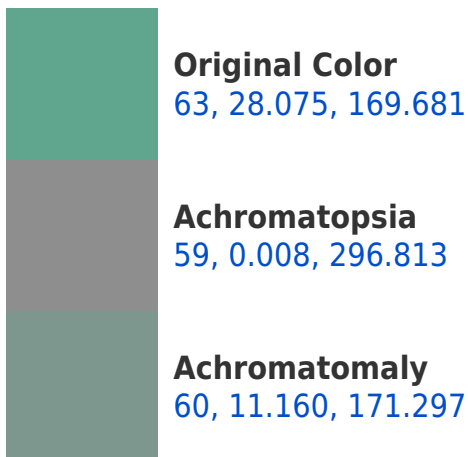


Tritanopia
63, 19.762, 219.725

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 28.075, 169.681 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(96, 166, 143)` looks like.

```
.text, #text, p{  
    color:rgb(96, 166, 143)  
}
```

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(96, 166, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 166, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 28.075, 169.681 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(96, 166, 143) }
```

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

```
.border{ border-color:rgb(96, 166, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 166, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 166, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 166, 143);  
box-shadow:4px 4px 4px 4px rgb(96, 166,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 28.075, 169.681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 166, 143) }
```

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

```
.background{ background-color: rgb(96, 166,  
143) }
```

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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