

Converting Colors

CIELCh(58, 27.862, 177.089)

Have a look what the booklet for
CIELCh(58, 27.862, 177.089)
contains.

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Color

CIELCh(58, 28.162, 176.671)

Conversions

Conversions Part 1

Format	Color
Hex	4C9988
RGB	76, 153, 136
RGB Percent	30%, 60%, 53%
CMY	0.7033, 0.4013, 0.4680
CMYK	0.50, 0.00, 0.11, 0.40
HSL	167°, 34%, 45%
HSV	167°, 50%, 60%
XYZ	18.7086, 25.9610, 27.1940
YIQ	128.0390, -40.4350, -21.6110

Conversions

Conversions Part 2

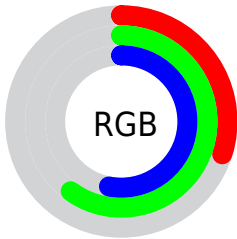
Format	Color
R_{YB}	76, 119, 153
Decimal	5020040
CIE _{Lab}	58.00, -28.11, 1.64
CIE _{LCh}	58, 28.162, 176.671
Yxy	25.9610, 0.2603, 0.3613
Android (android.graphics.Color)	4283210120 (0xFF4C9988)
YUV	128.0390, 3.9248, -45.6382
Hunter-Lab	50.9519, -23.6241, 4.0221

Details

The CIELCh color **58, 28.162, 176.671** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **42, 34.369, 8.475**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **78, 28.414, 176.269**, and **38, 28.065, 176.694** is the 20% darker color. If you saturate the color by 10%, you get **57, 32.465, 175.420**, and if you desaturate by 10%, it is **59, 23.308, 177.815**.

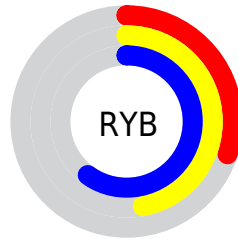
Distribution



Red (30%)

Green (60%)

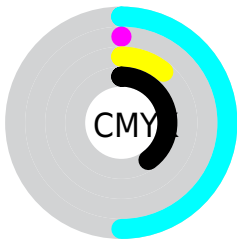
Blue (53%)



Red (30%)

Yellow (47%)

Blue (60%)

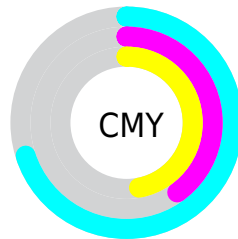


Cyan (50%)

Magenta (0%)

Yellow (11%)

Black (40%)



Cyan (70%)


Magenta (40%)


Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 28.162, 176.671 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 58, 28.162, 176.671 by changing the saturation by 10% instead.


 58, 28.162,
176.671


 58, 28.162,
176.671


 100, 28.162,
176.671

 48, 28.162,
176.671


 78, 28.162,
176.671

 38, 28.162,
176.671

 88, 28.162,
176.671

 28, 28.162,
176.671

 98, 28.162,
176.671

 18, 28.162,
176.671

 8, 28.162, 176.671

 0, 28.162, 176.671

■ 58, 28.162,
176.671

■ 58, 28.162,
176.671

■ 57, 32.465,
175.420

■ 59, 23.308,
177.815

■ 57, 36.145,
174.043

■ 60, 17.995,
178.876

■ 57, 39.161,
172.517

■ 61, 12.321,
179.872

■ 56, 41.520,
170.825

■ 62, 6.383, 180.832

■ 56, 43.346,
169.118

■ 63, 0.270, 183.176

■ 64, 5.942, 2.422

■ 66, 12.192, 3.266

■ 67, 18.428, 4.055

■ 69, 24.613, 4.811

Harmonies

Complementary

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



58, 28.162, 176.671



42, 34.369, 8.475

Rectangle

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



58, 28.162, 176.671



58, 28.162, 226.671



58, 28.162, 356.671



58, 28.162, 46.671

Sweetspot

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



58, 28.162, 176.670



78, 11.305, 180.367



58, 48.614, 135.077



41, 7.671, 180.183



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



58, 28.162, 176.670



73, 40.341, 175.185



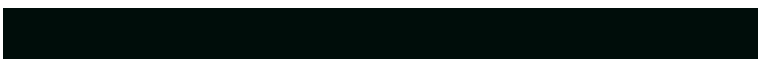
52, 21.006, 232.843



32, 3.466, 180.950



52, 40.660, 169.274



3, 3.813, 180.727

Inverse Universe

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



42, 34.369, 8.475



50, 51.575, 11.346



47, 29.621, 45.878



30, 3.584, 2.468



29, 58.155, 26.490



1, 3.785, 1.963

Previews

White Background



This preview shows how the CIELCh color 58, 28.162, 176.671 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 58, 28.162, 176.671 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

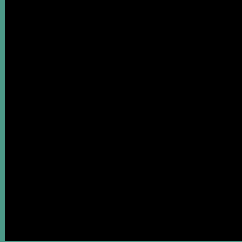
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 28.162, 176.671

Background



This preview shows how black text looks on a background with the CIELCh color 58, 28.162, 176.671.

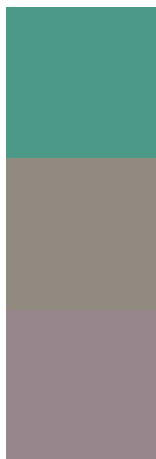


This preview shows how white text looks on a background with the CIELCh color 58, 28.162, 176.671.

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



Original Color
58, 28.162, 176.671

Protanopia
58, 6.156, 86.253

Deuteranopia
58, 7.552, 353.384



Tritanopia
58, 21.627, 216.221

Trichromacy



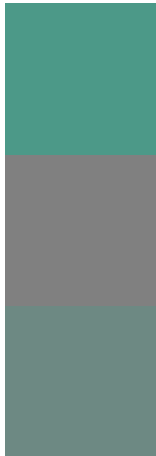
Original Color
58, 28.162, 176.671

Protanomaly
57, 11.614, 162.268

Deuteranomaly
57, 6.752, 184.099

Tritanomaly
58, 22.594, 200.289

Monochromacy



Original Color
58, 28.162, 176.671

Achromatopsia
54, 0.007, 296.813

Achromatomaly
55, 11.239, 180.379

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 28.162, 176.671 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(76, 153, 136)` looks like.

```
.text, #text, p{  
    color:rgb(76, 153, 136)  
}
```

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(76, 153, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 153, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 28.162, 176.671 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(76, 153, 136) }
```

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

```
.border{ border-color:rgb(76, 153, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 153, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 153, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 153, 136);  
box-shadow:4px 4px 4px 4px rgb(76, 153,  
136) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 28.162, 176.671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 153, 136) }
```

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

```
.background{ background-color: rgb(76, 153,  
136) }
```

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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