

Converting Colors

CIELCh(58, 28.043, 181.467)

Have a look what the booklet for
CIELCh(58, 28.043, 181.467)
contains.

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Color

CIELCh(58, 28.043, 181.467)

Conversions

Conversions Part 1

Format	Color
Hex	48998C
RGB	72, 153, 140
RGB Percent	28%, 60%, 55%
CMY	0.7186, 0.4009, 0.4519
CMYK	0.53, 0.00, 0.09, 0.40
HSL	170°, 36%, 44%
HSV	170°, 53%, 60%
XYZ	18.7241, 25.9610, 28.7470
YIQ	127.2990, -44.1030, -21.2150

Conversions

Conversions Part 2

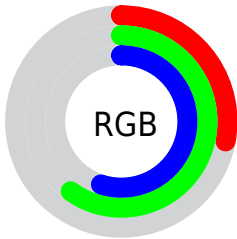
Format	Color
R_{YB}	72, 116, 153
Decimal	4757900
CIE _{Lab}	58.00, -28.03, -0.72
CIE _{LCh}	58, 28.043, 181.467
Yxy	25.9610, 0.2550, 0.3535
Android (android.graphics.Color)	4282947980 (0xFF48998C)
YUV	127.2990, 6.2616, -48.4972
Hunter-Lab	50.9519, -23.5696, 2.2151

Details

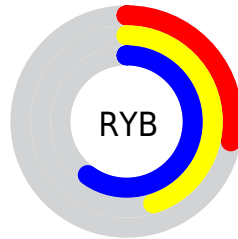
The CIELCh color **58, 28.043, 181.467** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **41, 36.213, 13.638**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **78, 28.251, 180.737**, and **38, 27.822, 181.840** is the 20% darker color. If you saturate the color by 10%, you get **57, 31.838, 180.358**, and if you desaturate by 10%, it is **59, 23.647, 182.494**.

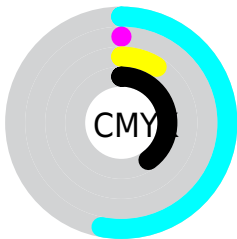
Distribution



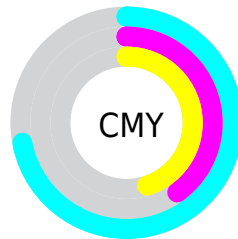
- Red (28%)
- Green (60%)
- Blue (55%)



- Red (28%)
- Yellow (45%)
- Blue (60%)



- Cyan (53%)
- Magenta (0%)
- Yellow (9%)
- Black (40%)



- Cyan (72%)
- Magenta (40%)
- Yellow (45%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 28.043, 181.467 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, 28.043, 181.467 by changing the saturation by 10% instead.

 58, 28.043,
181.467

 58, 28.043,
181.467

 100, 28.043,
181.467

 48, 28.043,
181.467

 78, 28.043,
181.467

 38, 28.043,
181.467

 88, 28.043,
181.467

 28, 28.043,
181.467

 98, 28.043,
181.467

 18, 28.043,
181.467

 8, 28.043, 181.467

 0, 28.043, 181.467

■ 58, 28.043,
181.467

■ 58, 28.043,
181.467

■ 57, 31.838,
180.358

■ 59, 23.647,
182.494

■ 57, 34.970,
179.152

■ 60, 18.732,
183.461

■ 57, 37.419,
177.826

■ 60, 13.392,
184.382

■ 56, 39.207,
176.362

■ 62, 7.724, 185.279

■ 56, 40.233,
175.311

■ 63, 1.819, 186.299

■ 64, 4.242, 6.778

■ 66, 10.391, 7.628

■ 67, 16.572, 8.413

■ 69, 22.741, 9.169

Harmonies

Complementary

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



58, 28.043, 181.467



41, 36.213, 13.638

Rectangle

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



58, 28.043, 181.467



58, 28.043, 231.467



58, 28.043, 1.467



58, 28.043, 51.467

Sweetspot

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



58, 28.043, 181.465



78, 11.695, 184.984



57, 51.969, 136.592



41, 7.848, 184.818



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, 28.043, 181.465



73, 39.633, 180.097



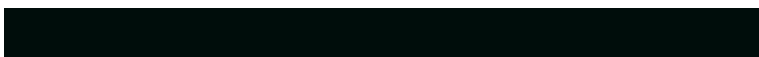
50, 22.392, 243.472



32, 3.375, 185.624



52, 37.744, 175.443



3, 3.720, 185.294

Inverse Universe

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



41, 36.213, 13.638



49, 54.463, 16.901



47, 30.722, 52.247



30, 3.512, 7.057



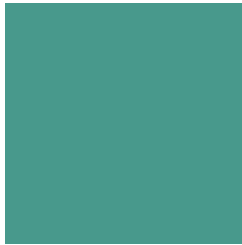
29, 60.401, 31.000



1, 3.700, 6.524

Previews

White Background



This preview shows how the CIELCh color 58, 28.043, 181.467 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, 28.043, 181.467 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, 28.043, 181.467

Background



This preview shows how black text looks on a background with the CIELCh color 58, 28.043, 181.467.

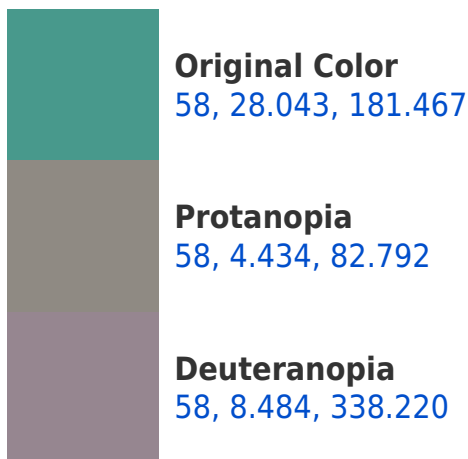


This preview shows how white text looks on a background with the CIELCh color 58, 28.043, 181.467.

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
58, 23.021, 214.936

Trichromacy



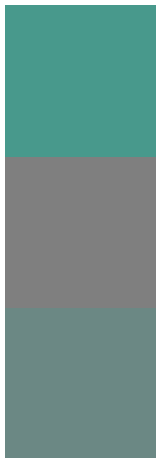
Original Color
58, 28.043, 181.467

Protanomaly
57, 11.263, 171.210

Deuteranomaly
57, 7.157, 203.357

Tritanomaly
58, 23.991, 201.391

Monochromacy



Original Color
58, 28.043, 181.467

Achromatopsia
53, 0.007, 296.813

Achromatomaly
54, 11.209, 186.400

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 28.043, 181.467 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(72, 153, 140)` looks like.

```
.text, #text, p{  
    color:rgb(72, 153, 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(72, 153, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 153, 140) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 28.043, 181.467 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(72, 153, 140) }
```

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

```
.border{ border-color:rgb(72, 153, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 153, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 153, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 153, 140);  
box-shadow:4px 4px 4px 4px rgb(72, 153,  
140) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 28.043, 181.467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 153, 140) }
```

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

```
.background{ background-color: rgb(72, 153,  
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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