

Converting Colors

CIELCh(58, 26.768, 181.286)

Have a look what the booklet for
CIELCh(58, 26.768, 181.286)
contains.

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Color

CIELCh(58, 26.619, 182.008)

Conversions

Conversions Part 1

Format	Color
Hex	4C988C
RGB	76, 152, 140
RGB Percent	30%, 60%, 55%
CMY	0.7012, 0.4032, 0.4503
CMYK	0.50, 0.00, 0.08, 0.40
HSL	171°, 33%, 45%
HSV	171°, 50%, 60%
XYZ	19.0018, 25.9610, 28.8916
YIQ	127.9080, -41.4440, -19.8440

Conversions

Conversions Part 2

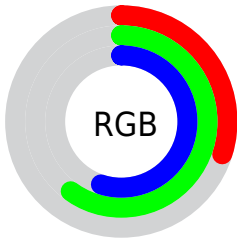
Format	Color
R_{YB}	76, 117, 152
Decimal	5019788
CIE _{Lab}	58.00, -26.60, -0.93
CIE _{LCh}	58, 26.619, 182.008
Yxy	25.9610, 0.2573, 0.3515
Android (android.graphics.Color)	4283209868 (0xFF4C988C)
YUV	127.9080, 5.9614, -45.5233
Hunter-Lab	50.9519, -22.5968, 2.0468

Details

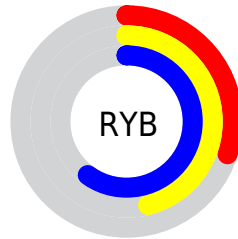
The CIELCh color **58, 26.619, 182.008** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **42, 33.884, 13.133**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **78, 26.969, 181.198**, and **38, 26.815, 181.423** is the 20% darker color. If you saturate the color by 10%, you get **57, 30.583, 180.934**, and if you desaturate by 10%, it is **59, 22.078, 183.007**.

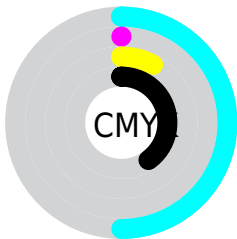
Distribution



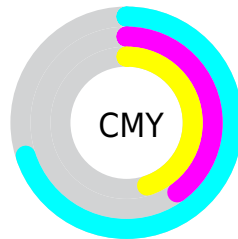
- Red (30%)
- Green (60%)
- Blue (55%)



- Red (30%)
- Yellow (46%)
- Blue (60%)



- Cyan (50%)
- Magenta (0%)
- Yellow (8%)
- Black (40%)





- Cyan (70%)
- Magenta (40%)
- Yellow (45%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 26.619, 182.008 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, 26.619, 182.008 by changing the saturation by 10% instead.

 58, 26.619,
182.008


 58, 26.619,
182.008

 100, 26.619,
182.008


 48, 26.619,
182.008


 78, 26.619,
182.008

 38, 26.619,
182.008

 88, 26.619,
182.008

 28, 26.619,
182.008

 98, 26.619,
182.008

 18, 26.619,
182.008

 8, 26.619, 182.008

 0, 26.619, 182.008

■ 58, 26.619,
182.008

■ 58, 26.619,
182.008

■ 57, 30.583,
180.934

■ 59, 22.078,
183.007

■ 57, 33.901,
179.771

■ 60, 17.047,
183.952

■ 57, 36.540,
178.496

■ 61, 11.621,
184.859

■ 56, 38.506,
177.090

■ 62, 5.895, 185.753

■ 56, 39.991,
175.596

■ 63, 0.042, 356.419

■ 56, 40.001,
175.586

■ 64, 6.114, 7.245

■ 66, 12.256, 8.062

■ 67, 18.417, 8.835

■ 69, 24.556, 9.583

Harmonies

Complementary

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



58, 26.619, 182.008



42, 33.884, 13.133

Rectangle

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



58, 26.619, 182.008



58, 26.619, 232.008



58, 26.619, 2.008



58, 26.619, 52.008

Sweetspot

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



58, 26.619, 182.006



78, 10.973, 185.271



57, 49.006, 136.817



41, 7.440, 185.100



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, 26.619, 182.006



73, 37.846, 180.791



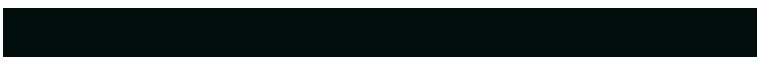
51, 21.249, 242.736



32, 3.372, 185.818



52, 37.633, 175.712



3, 3.716, 185.488

Inverse Universe

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



42, 33.884, 13.133



50, 51.077, 15.895



48, 28.526, 52.390



30, 3.509, 7.247



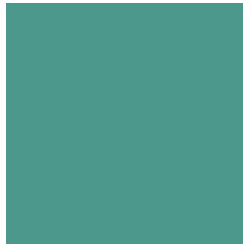
29, 60.496, 31.168



1, 3.697, 6.712

Previews

White Background



This preview shows how the CIE LCh color 58, 26.619, 182.008 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, 26.619, 182.008 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, 26.619, 182.008

Background



This preview shows how black text looks on a background with the CIELCh color 58, 26.619, 182.008.

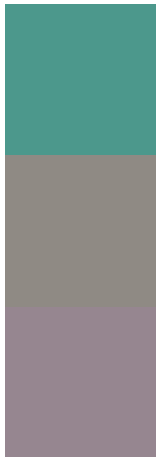


This preview shows how white text looks on a background with the CIELCh color 58, 26.619, 182.008.

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, 26.619, 182.008

Protanopia
58, 3.933, 79.178

Deuteranopia
58, 8.484, 338.220



Tritanopia
58, 21.863, 215.995

Trichromacy



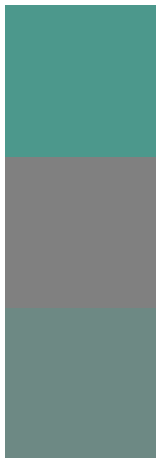
Original Color
58, 26.619, 182.008

Protanomaly
57, 10.320, 172.195

Deuteranomaly
57, 6.832, 208.458

Tritanomaly
58, 22.527, 201.780

Monochromacy



Original Color
58, 26.619, 182.008

Achromatopsia
54, 0.007, 296.813

Achromatomaly
55, 11.033, 183.174

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 26.619, 182.008 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, 152, 140)` looks like.

```
.text, #text, p{  
    color:rgb(76, 152, 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(76, 152, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 152, 140) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 26.619, 182.008 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, 152, 140) }
```

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

```
.border{ border-color:rgb(76, 152, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 152, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 152, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 152, 140);  
box-shadow:4px 4px 4px 4px rgb(76, 152,  
140) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 26.619, 182.008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 152, 140) }
```

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

```
.background{ background-color: rgb(76, 152,  
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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