

Converting Colors

CIELCh(58, 26.868, 197.010)

Have a look what the booklet for
CIELCh(58, 26.868, 197.010)
contains.

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Color

CIELCh(58, 26.727, 197.012)

Conversions

Conversions Part 1

Format	Color
Hex	429898
RGB	66, 152, 152
RGB Percent	26%, 60%, 60%
CMY	0.7403, 0.4031, 0.4031
CMYK	0.56, 0.00, 0.00, 0.40
HSL	180°, 39%, 43%
HSV	180°, 56%, 60%
XYZ	19.2063, 25.9610, 33.7895
YIQ	126.2860, -51.2560, -18.2320

Conversions

Conversions Part 2

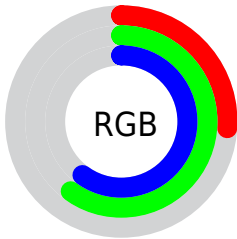
Format	Color
R _{YB}	66, 109, 152
Decimal	4364440
CIE _{Lab}	58.00, -25.56, -7.82
CIE _{LCh}	58, 26.727, 197.012
Yxy	25.9610, 0.2433, 0.3288
Android (android.graphics.Color)	4282554520 (0xFF429898)
YUV	126.2860, 12.6770, -52.8708
Hunter-Lab	50.9519, -21.8803, -3.6527

Details

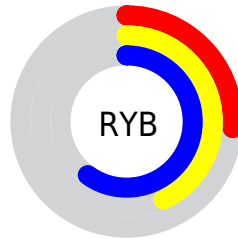
The CIELCh color **58, 26.727, 197.012** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **40, 40.205, 26.279**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **78, 26.765, 196.327**, and **38, 25.396, 196.386** is the 20% darker color. If you saturate the color by 10%, you get **58, 29.548, 196.767**, and if you desaturate by 10%, it is **59, 23.221, 197.317**.

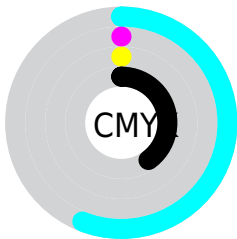
Distribution



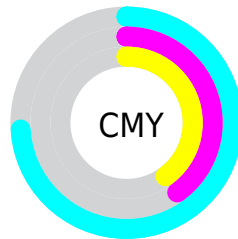
- Red (26%)
- Green (60%)
- Blue (60%)



- Red (26%)
- Yellow (43%)
- Blue (60%)



- Cyan (56%)
- Magenta (0%)
- Yellow (0%)
- Black (40%)





- Cyan (74%)
- Magenta (40%)
- Yellow (40%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 26.727, 197.012 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, 26.727, 197.012 by changing the saturation by 10% instead.


 58, 26.727,
197.012


 58, 26.727,
197.012


 100, 26.727,
197.012


 48, 26.727,
197.012


 78, 26.727,
197.012

 38, 26.727,
197.012

 88, 26.727,
197.012

 28, 26.727,
197.012

 98, 26.727,
197.012

 18, 26.727,
197.012

 8, 26.727, 197.012

 0, 26.727, 197.012

■ 58, 26.727,
197.012

■ 58, 26.727,
197.012

■ 58, 29.548,
196.767

■ 59, 23.221,
197.317

■ 57, 31.658,
196.587

■ 59, 19.088,
197.684

■ 57, 33.069,
196.467

■ 60, 14.404,
198.110

■ 57, 33.866,
196.400

■ 61, 9.258, 198.594

■ 57, 34.097,
196.380

■ 62, 3.738, 199.174

■ 63, 2.069, 19.378

■ 65, 8.085, 20.110

■ 66, 14.245, 20.724

■ 68, 20.492, 21.336

Harmonies

Complementary

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



58, 26.727, 197.012



40, 40.205, 26.279

Rectangle

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



58, 26.727, 197.012



58, 26.727, 247.012



58, 26.727, 17.012



58, 26.727, 67.012

Sweetspot

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



58, 26.727, 197.010



78, 11.842, 198.550



56, 57.172, 139.474



41, 7.858, 198.459



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, 26.727, 197.010



74, 36.852, 196.709



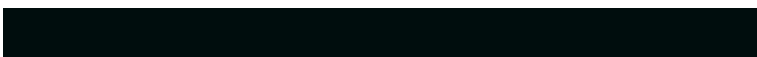
45, 27.356, 264.540



32, 3.249, 198.996



53, 32.121, 196.380



3, 3.595, 199.418

Inverse Universe

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



40, 40.205, 26.279



47, 61.628, 29.747



49, 32.724, 66.853



30, 3.439, 19.893



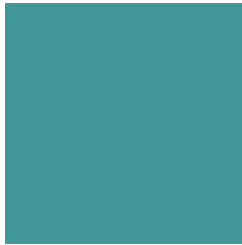
28, 66.111, 39.048



1, 3.595, 19.401

Previews

White Background



This preview shows how the CIELCh color 58, 26.727, 197.012 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, 26.727, 197.012 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

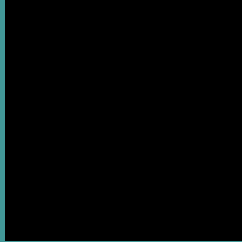
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 26.727, 197.012

Background



This preview shows how black text looks on a background with the CIELCh color 58, 26.727, 197.012.

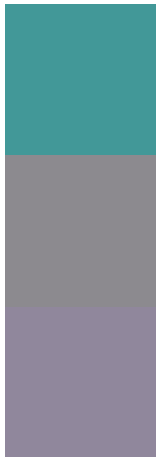


This preview shows how white text looks on a background with the CIELCh color 58, 26.727, 197.012.

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, 26.727, 197.012

Protanopia
58, 2.964, 305.645

Deuteranopia
58, 12.489, 307.182



Tritanopia
58, 25.167, 213.231

Trichromacy



Original Color
58, 26.727, 197.012

Protanomaly
57, 11.024, 207.391

Deuteranomaly
57, 11.758, 241.769

Tritanomaly
58, 25.329, 207.693

Monochromacy



Original Color
58, 26.727, 197.012

Achromatopsia
53, 0.007, 296.813

Achromatomaly
54, 11.799, 198.262

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 26.727, 197.012 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(66, 152, 152)` looks like.

```
.text, #text, p{  
    color:rgb(66, 152, 152)  
}
```

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(66, 152, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 152, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 26.727, 197.012 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(66, 152, 152) }
```

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

```
.border{ border-color:rgb(66, 152, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 152, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 152, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 152, 152);  
box-shadow:4px 4px 4px 4px rgb(66, 152,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 26.727, 197.012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 152, 152) }
```

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

```
.background{ background-color: rgb(66, 152,  
152) }
```

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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