

Converting Colors

CIELCh(58, 41.558, 159.103)

Have a look what the booklet for
CIELCh(58, 41.558, 159.103)
contains.

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Color

CIELCh(58, 41.577, 159.060)

Conversions

Conversions Part 1

Format	Color
Hex	3C9C70
RGB	60, 156, 112
RGB Percent	24%, 61%, 44%
CMY	0.7641, 0.3877, 0.5603
CMYK	0.61, 0.00, 0.28, 0.39
HSL	152°, 44%, 42%
HSV	152°, 61%, 61%
XYZ	16.7158, 25.9610, 19.4964
YIQ	122.2800, -43.0920, -34.0360

Conversions

Conversions Part 2

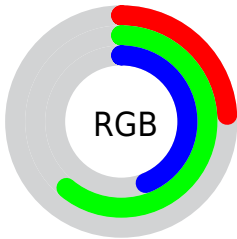
Format	Color
RYB	60, 122, 156
Decimal	3972208
CIELab	58.00, -38.83, 14.86
CIElCh	58, 41.577, 159.060
Yxy	25.9610, 0.2689, 0.4176
Android (android.graphics.Color)	4282162288 (0xFF3C9C70)
YUV	122.2800, -5.0680, -54.6196
Hunter-Lab	50.9519, -30.6053, 12.9795

Details

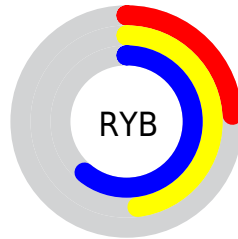
The CIELCh color **58, 41.577, 159.060** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **40, 44.758, 353.482**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **78, 41.307, 159.118**, and **38, 39.575, 157.093** is the 20% darker color. If you saturate the color by 10%, you get **57, 46.914, 157.397**, and if you desaturate by 10%, it is **59, 35.658, 160.534**.

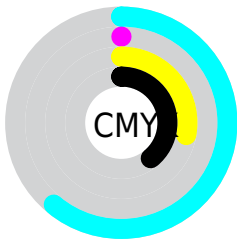
Distribution



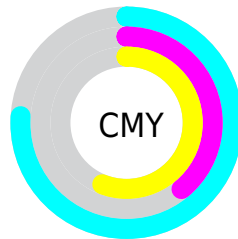
- Red (24%)
- Green (61%)
- Blue (44%)



- Red (24%)
- Yellow (48%)
- Blue (61%)



- Cyan (61%)
- Magenta (0%)
- Yellow (28%)
- Black (39%)





- Cyan (76%)
- Magenta (39%)
- Yellow (56%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 41.577, 159.060 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, 41.577, 159.060 by changing the saturation by 10% instead.

 58, 41.577,
159.060


 58, 41.577,
159.060


 100, 41.577,
159.060


 48, 41.577,
159.060


 78, 41.577,
159.060

 38, 41.577,
159.060

 88, 41.577,
159.060

 28, 41.577,
159.060

 98, 41.577,
159.060

 18, 41.577,
159.060

 8, 41.577, 159.060

 0, 41.577, 159.060

■ 58, 41.577,
159.060

■ 58, 41.577,
159.060

■ 57, 46.914,
157.397

■ 59, 35.658,
160.534

■ 57, 51.603,
155.532

■ 60, 29.254,
161.842

■ 57, 55.630,
153.465

■ 60, 22.481,
163.008

■ 57, 58.694,
151.653

■ 62, 15.455,
164.056

■ 63, 8.283, 165.015

■ 64, 1.059, 166.158

■ 66, 6.141, 346.553

■ 67, 13.260,
347.307

■ 69, 20.253,
347.989

Harmonies

Complementary

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



58, 41.577, 159.060



40, 44.758, 353.482

Rectangle

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



58, 41.577, 159.060



58, 41.577, 209.060



58, 41.577, 339.060



58, 41.577, 29.060

Sweetspot

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



58, 41.578, 159.059



79, 16.130, 164.363



59, 55.312, 127.585



41, 11.169, 164.096



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



58, 41.578, 159.059



73, 59.578, 156.679



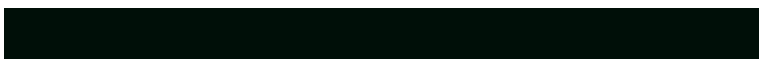
58, 27.757, 200.765



33, 4.124, 165.222



52, 54.775, 151.847



3, 5.513, 164.395

Inverse Universe

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



40, 44.758, 353.482



48, 63.535, 356.696



40, 44.168, 29.349



31, 4.184, 346.681



30, 54.851, 4.921



1, 5.324, 347.312

Previews

White Background



This preview shows how the CIE LCh color 58, 41.577, 159.060 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 CIE LCh color 58, 41.577, 159.060 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, 41.577, 159.060

Background



This preview shows how black text looks on a background with the CIELCh color 58, 41.577, 159.060.



This preview shows how white text looks on a background with the CIELCh color 58, 41.577, 159.060.

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, 41.577, 159.060

Protanopia
58, 19.680, 95.256

Deuteranopia
57, 14.353, 59.121



Tritanopia
58, 23.466, 214.561

Trichromacy



Original Color
58, 41.577, 159.060



Protanomaly
57, 24.538, 136.443



Deuteranomaly
57, 16.507, 134.696



Tritanomaly
58, 26.915, 187.132

Monochromacy



Original Color
58, 41.577, 159.060



Achromatopsia
51, 0.007, 296.813



Achromatomaly
53, 16.229, 163.029

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 41.577, 159.060 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(60, 156, 112)` looks like.

```
.text, #text, p{  
    color:rgb(60, 156, 112)  
}
```

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(60, 156, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 156, 112) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 41.577, 159.060 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(60, 156, 112) }
```

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

```
.border{ border-color:rgb(60, 156, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 156, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 156, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 156, 112);  
box-shadow:4px 4px 4px 4px rgb(60, 156,  
112) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 41.577, 159.060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 156, 112) }
```

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

```
.background{ background-color: rgb(60, 156,  
112) }
```

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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