

Converting Colors

CIELCh(58, 51.498, 145.701)

Have a look what the booklet for
CIELCh(58, 51.498, 145.701)
contains.

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Color

CIELCh(58, 51.704, 145.611)

Conversions

Conversions Part 1

Format	Color
Hex	439D56
RGB	67, 157, 86
RGB Percent	26%, 62%, 34%
CMY	0.7374, 0.3845, 0.6629
CMYK	0.57, 0.00, 0.45, 0.38
HSL	133°, 40%, 44%
HSV	133°, 57%, 62%
XYZ	16.0385, 25.9610, 12.9609
YIQ	121.9960, -30.8490, -41.1610

Conversions

Conversions Part 2

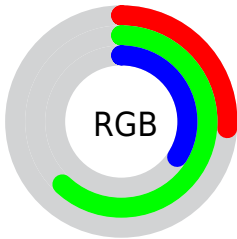
Format	Color
RYB	67, 141, 157
Decimal	4431190
CIELab	58.00, -42.67, 29.20
CIElCh	58, 51.704, 145.611
Yxy	25.9610, 0.2918, 0.4724
Android (android.graphics.Color)	4282621270 (0xFF439D56)
YUV	121.9960, -17.7460, -48.2315
Hunter-Lab	50.9519, -32.9783, 20.5845

Details

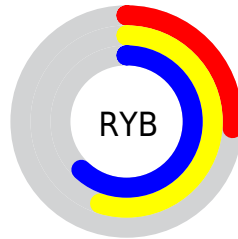
The CIELCh color **58, 51.704, 145.611** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **43, 51.343, 334.780**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **78, 51.335, 145.635**, and **38, 50.876, 144.791** is the 20% darker color. If you saturate the color by 10%, you get **57, 59.367, 144.195**, and if you desaturate by 10%, it is **59, 43.356, 146.870**.

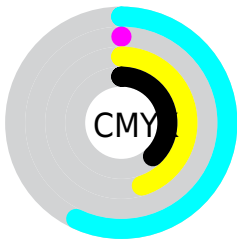
Distribution



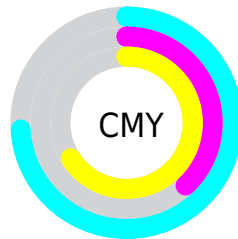
- Red (26%)
- Green (62%)
- Blue (34%)



- Red (26%)
- Yellow (55%)
- Blue (62%)



- Cyan (57%)
- Magenta (0%)
- Yellow (45%)
- Black (38%)





- Cyan (74%)
- Magenta (38%)
- Yellow (66%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 51.704, 145.611 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, 51.704, 145.611 by changing the saturation by 10% instead.


 58, 51.704,
145.611


 58, 51.704,
145.611


 100, 51.704,
145.611


 48, 51.704,
145.611


 78, 51.704,
145.611

 38, 51.704,
145.611

 88, 51.704,
145.611

 28, 51.704,
145.611

 98, 51.704,
145.611

 18, 51.704,
145.611

 8, 51.704, 145.611

 0, 51.704, 145.611

■ 58, 51.704,
145.611

■ 58, 51.704,
145.611

■ 57, 59.367,
144.195

■ 59, 43.356,
146.870

■ 57, 66.152,
142.641

■ 60, 34.517,
147.972

■ 57, 71.887,
140.998

■ 61, 25.371,
148.930

■ 56, 76.470,
139.389

■ 62, 16.079,
149.761

■ 56, 77.535,
139.028

■ 64, 6.774, 150.498

■ 65, 2.440, 330.972

■ 67, 11.488,
331.596

■ 69, 20.316,
332.079

■ 71, 28.893,
332.500

Harmonies

Complementary

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



58, 51.704, 145.611



43, 51.343, 334.780

Rectangle

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



58, 51.704, 145.611



58, 51.704, 195.611



58, 51.704, 325.611



58, 51.704, 15.611

Sweetspot

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



58, 51.705, 145.611



79, 19.511, 149.762



62, 48.420, 114.348



41, 13.027, 149.619



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, 51.705, 145.611



73, 74.692, 143.744



59, 34.146, 169.693



33, 5.253, 150.361



51, 72.105, 139.175



3, 6.905, 150.542

Inverse Universe

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



43, 51.343, 334.780



51, 72.694, 335.805



41, 40.318, 4.048



31, 5.270, 331.460



32, 63.936, 338.580



1, 6.690, 332.126

Previews

White Background



This preview shows how the CIELCh color 58, 51.704, 145.611 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, 51.704, 145.611 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, 51.704, 145.611

Background



This preview shows how black text looks on a background with the CIELCh color 58, 51.704, 145.611.



This preview shows how white text looks on a background with the CIELCh color 58, 51.704, 145.611.

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, 51.704, 145.611

Protanopia
58, 33.894, 96.237

Deuteranopia
57, 27.585, 73.968



Tritanopia
58, 20.901, 216.964

Trichromacy



Original Color
58, 51.704, 145.611



Protanomaly
57, 36.943, 122.991



Deuteranomaly
57, 28.893, 116.264



Tritanomaly
58, 27.242, 174.701

Monochromacy



Original Color
58, 51.704, 145.611



Achromatopsia
51, 0.007, 296.813



Achromatomaly
53, 20.042, 149.242

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 51.704, 145.611 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(67, 157, 86)` looks like.

```
.text, #text, p{  
    color:rgb(67, 157, 86)  
}
```

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(67, 157, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 157, 86) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 51.704, 145.611 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(67, 157, 86) }
```

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

```
.border{ border-color:rgb(67, 157, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 157, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 157, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 157, 86);  
box-shadow:4px 4px 4px 4px rgb(67, 157,  
86) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 51.704, 145.611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 157, 86) }
```

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

```
.background{ background-color: rgb(67, 157,  
86) }
```

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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