

Converting Colors

CIELCh(58, 46.668, 141.716)

Have a look what the booklet for
CIElCh(58, 46.668, 141.716)
contains.

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Color

CIELCh(58, 46.668, 141.716)

Conversions

Conversions Part 1

Format	Color
Hex	559B57
RGB	85, 155, 87
RGB Percent	33%, 61%, 34%
CMY	0.6677, 0.3932, 0.6597
CMYK	0.45, 0.00, 0.44, 0.39
HSL	122°, 29%, 47%
HSV	122°, 45%, 61%
XYZ	17.1126, 25.9610, 13.0755
YIQ	126.3180, -19.8920, -35.9880

Conversions

Conversions Part 2

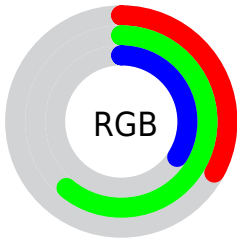
Format	Color
RYB	85, 153, 155
Decimal	5610327
CIELab	58.00, -36.63, 28.91
CIELCh	58, 46.668, 141.716
Yxy	25.9610, 0.3048, 0.4624
Android (android.graphics.Color)	4283800407 (0xFF559B57)
YUV	126.3180, -19.3838, -36.2359
Hunter-Lab	50.9519, -29.2153, 20.4510

Details

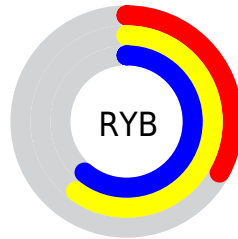
The CIELCh color $58, 46.668, 141.716$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $47, 46.506, 327.613$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $78, 46.473, 141.644$, and $38, 46.494, 141.893$ is the 20% darker color. If you saturate the color by 10%, you get $57, 56.039, 140.624$, and if you desaturate by 10%, it is $59, 36.687, 142.699$.

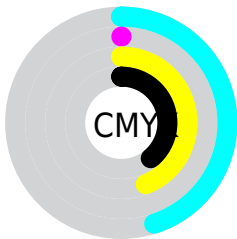
Distribution



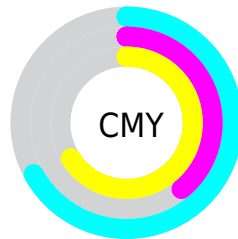
- Red (33%)
- Green (61%)
- Blue (34%)



- Red (33%)
- Yellow (60%)
- Blue (61%)



- Cyan (45%)
- Magenta (0%)
- Yellow (44%)
- Black (39%)





- Cyan (67%)
- Magenta (39%)
- Yellow (66%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 46.668, 141.716 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, 46.668, 141.716 by changing the saturation by 10% instead.


 58, 46.668,
141.716


 58, 46.668,
141.716


 100, 46.668,
141.716


 48, 46.668,
141.716


 78, 46.668,
141.716

 38, 46.668,
141.716

 88, 46.668,
141.716

 28, 46.668,
141.716

 98, 46.668,
141.716

 18, 46.668,
141.716

 8, 46.668, 141.716

 0, 46.668, 141.716

■ 58, 46.668,
141.716

■ 58, 46.668,
141.716

■ 57, 56.039,
140.624

■ 59, 36.687,
142.699

■ 57, 64.483,
139.462

■ 60, 26.353,
143.561

■ 56, 71.644,
138.309

■ 62, 15.877,
144.307

■ 56, 77.150,
137.282

■ 63, 5.419, 144.967

■ 56, 80.714,
136.522

■ 65, 4.901, 325.420

■ 55, 81.906,
136.306

■ 66, 15.003,
325.908

■ 68, 24.834,
326.304

■ 70, 34.362,
326.639

■ 73, 43.575,
326.926

Harmonies

Complementary

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



58, 46.668, 141.716



47, 46.506, 327.613

Rectangle

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



58, 46.668, 141.716



58, 46.668, 191.716



58, 46.668, 321.716



58, 46.668, 11.716

Sweetspot

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



58, 46.669, 141.716



78, 18.079, 144.373



62, 38.011, 106.725



41, 12.591, 144.233



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, 46.669, 141.716



73, 67.944, 140.644



59, 32.147, 160.031



32, 5.815, 144.709



50, 76.162, 136.342



3, 6.263, 145.208

Inverse Universe

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



47, 46.506, 327.613



56, 67.388, 328.068



45, 33.991, 349.203



30, 5.825, 325.695



33, 72.450, 329.386



1, 6.246, 325.321

Previews

White Background



This preview shows how the CIELCh color 58, 46.668, 141.716 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, 46.668, 141.716 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, 46.668, 141.716

Background



This preview shows how black text looks on a background with the CIELCh color 58, 46.668, 141.716.



This preview shows how white text looks on a background with the CIELCh color 58, 46.668, 141.716.

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, 46.668, 141.716

Protanopia
58, 32.848, 96.075

Deuteranopia
58, 27.765, 75.277



Tritanopia
58, 16.790, 222.297

Trichromacy



Original Color
58, 46.668, 141.716

Protanomaly
58, 35.042, 118.339

Deuteranomaly
57, 28.552, 111.167

Tritanomaly
58, 22.431, 171.684

Monochromacy



Original Color
58, 46.668, 141.716

Achromatopsia
53, 0.007, 296.813

Achromatomaly
54, 17.124, 144.403

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 46.668, 141.716 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(85, 155, 87)` looks like.

```
.text, #text, p{  
    color:rgb(85, 155, 87)  
}
```

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(85, 155, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 155, 87) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 46.668, 141.716 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(85, 155, 87) }
```

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

```
.border{ border-color:rgb(85, 155, 87) }
```

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

Here you see how a box with a 4 pixel rgb(85, 155, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 155, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 155, 87);  
box-shadow:4px 4px 4px 4px rgb(85, 155,  
87) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 46.668, 141.716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 155, 87) }
```

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

```
.background{ background-color: rgb(85, 155,  
87) }
```

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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