

Converting Colors

CIELCh(58, 58.838, 140.521)

Have a look what the booklet for
CIELCh(58, 58.838, 140.521)
contains.

CIELCh(58, 58.957, 140.446)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(58, 58.957, 140.446)

Conversions

Conversions Part 1

Format	Color
Hex	439E46
RGB	67, 158, 70
RGB Percent	26%, 62%, 27%
CMY	0.7386, 0.3817, 0.7267
CMYK	0.58, 0.00, 0.56, 0.38
HSL	122°, 41%, 44%
HSV	122°, 58%, 62%
XYZ	15.5575, 25.9610, 9.9359
YIQ	120.7590, -25.9880, -46.6600

Conversions

Conversions Part 2

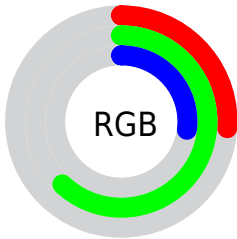
Format	Color
RYB	67, 155, 158
Decimal	4431430
CIELab	58.00, -45.46, 37.54
CIElCh	58, 58.957, 140.446
Yxy	25.9610, 0.3024, 0.5045
Android (android.graphics.Color)	4282621510 (0xFF439E46)
YUV	120.7590, -25.0242, -47.1466
Hunter-Lab	50.9519, -34.6633, 24.1045

Details

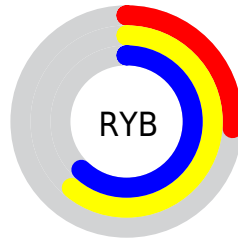
The CIELCh color **58, 58.957, 140.446** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **44, 58.361, 328.334**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **78, 58.609, 140.619**, and **38, 57.684, 139.281** is the 20% darker color. If you saturate the color by 10%, you get **57, 67.223, 139.267**, and if you desaturate by 10%, it is **59, 49.674, 141.568**.

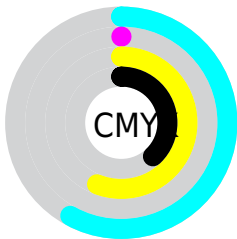
Distribution



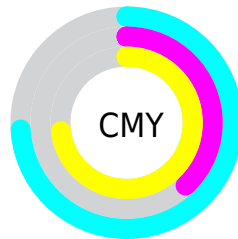
- Red (26%)
- Green (62%)
- Blue (27%)



- Red (26%)
- Yellow (61%)
- Blue (62%)



- Cyan (58%)
- Magenta (0%)
- Yellow (56%)
- Black (38%)



- Cyan (74%)
- Magenta (38%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 58.957, 140.446 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, 58.957, 140.446 by changing the saturation by 10% instead.

 58, 58.957,
140.446

 58, 58.957,
140.446

 100, 58.957,
140.446

 48, 58.957,
140.446

 78, 58.957,
140.446

 38, 58.957,
140.446

 88, 58.957,
140.446

 28, 58.957,
140.446

 98, 58.957,
140.446

 18, 58.957,
140.446

 8, 58.957, 140.446

 0, 58.957, 140.446

■ 58, 58.957,
140.446

■ 58, 58.957,
140.446

■ 57, 67.223,
139.267

■ 59, 49.674,
141.568

■ 57, 74.102,
138.117

■ 60, 39.697,
142.585

■ 57, 79.230,
137.121

■ 61, 29.305,
143.481

■ 56, 82.402,
136.444

■ 62, 18.720,
144.257

■ 56, 82.962,
136.345

■ 64, 8.118, 144.933

■ 65, 2.372, 325.374

■ 67, 12.658,
325.929

■ 69, 22.680,
326.345

■ 71, 32.401,
326.696

Harmonies

Complementary

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



58, 58.957, 140.446



44, 58.361, 328.334

Rectangle

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



58, 58.957, 140.446



58, 58.957, 190.446



58, 58.957, 320.446



58, 58.957, 10.446

Sweetspot

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



58, 58.958, 140.446



79, 22.135, 144.287



63, 48.190, 106.510



41, 14.780, 144.154



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, 58.958, 140.446



73, 83.699, 138.964



59, 40.028, 159.180



33, 5.957, 144.835



51, 77.083, 136.386



3, 7.773, 145.303

Inverse Universe

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



44, 58.361, 328.334



52, 81.940, 328.828



42, 42.902, 352.239



31, 5.967, 325.829



33, 73.138, 329.583



1, 7.722, 325.567

Previews

White Background



This preview shows how the CIELCh color 58, 58.957, 140.446 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, 58.957, 140.446 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, 58.957, 140.446

Background



This preview shows how black text looks on a background with the CIELCh color 58, 58.957, 140.446.



This preview shows how white text looks on a background with the CIELCh color 58, 58.957, 140.446.

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, 58.957, 140.446

Protanopia
58, 41.649, 95.740

Deuteranopia
58, 35.645, 77.980



Tritanopia
58, 20.411, 217.483

Trichromacy



Original Color
58, 58.957, 140.446

Protanomaly
57, 44.620, 118.846

Deuteranomaly
57, 37.135, 111.968

Tritanomaly
58, 29.461, 167.817

Monochromacy



Original Color
58, 58.957, 140.446

Achromatopsia
50, 0.007, 296.813

Achromatomaly
53, 22.839, 143.673

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 58.957, 140.446 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, 158, 70)` looks like.

```
.text, #text, p{  
    color:rgb(67, 158, 70)  
}
```

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, 158, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 158, 70) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 58.957, 140.446 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, 158, 70) }
```

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

```
.border{ border-color:rgb(67, 158, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 158, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 158, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 158, 70);  
box-shadow:4px 4px 4px 4px rgb(67, 158,  
70) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 58.957, 140.446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 158, 70) }
```

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

```
.background{ background-color: rgb(67, 158,  
70) }
```

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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