

Converting Colors

CIELCh(58, 34.802, 154.402)

Have a look what the booklet for
CIELCh(58, 34.802, 154.402)
contains.

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Color

CIELCh(58, 34.593, 154.358)

Conversions

Conversions Part 1

Format	Color
Hex	559970
RGB	85, 153, 112
RGB Percent	33%, 60%, 44%
CMY	0.6659, 0.3992, 0.5601
CMYK	0.44, 0.00, 0.27, 0.40
HSL	144°, 29%, 47%
HSV	144°, 44%, 60%
XYZ	18.1221, 25.9610, 19.4389
YIQ	127.9940, -27.3670, -27.1670

Conversions

Conversions Part 2

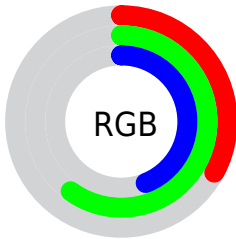
Format	Color
RYB	85, 134, 153
Decimal	5609840
CIELab	58.00, -31.19, 14.97
CIELCh	58, 34.593, 154.358
Yxy	25.9610, 0.2853, 0.4087
Android (android.graphics.Color)	4283799920 (0xFF559970)
YUV	127.9940, -7.8850, -37.7057
Hunter-Lab	50.9519, -25.6788, 13.0463

Details

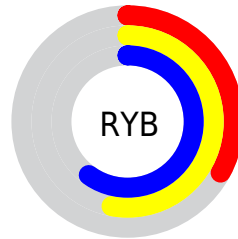
The CIELCh color **58, 34.593, 154.358** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **45, 35.487, 342.300**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **78, 34.661, 154.390**, and **38, 34.320, 154.434** is the 20% darker color. If you saturate the color by 10%, you get **57, 41.751, 153.052**, and if you desaturate by 10%, it is **59, 27.060, 155.504**.

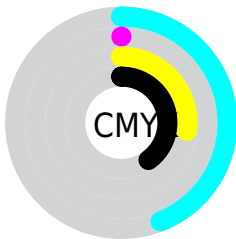
Distribution



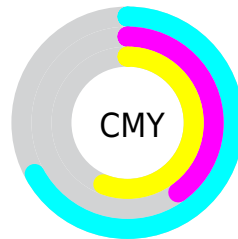
- Red (33%)
- Green (60%)
- Blue (44%)



- Red (33%)
- Yellow (53%)
- Blue (60%)



- Cyan (44%)
- Magenta (0%)
- Yellow (27%)
- Black (40%)





- Cyan (67%)
- Magenta (40%)
- Yellow (56%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 34.593, 154.358 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, 34.593, 154.358 by changing the saturation by 10% instead.


 58, 34.593,
154.358

 58, 34.593,
154.358


 100, 34.593,
154.358


 48, 34.593,
154.358


 78, 34.593,
154.358

 38, 34.593,
154.358

 88, 34.593,
154.358

 28, 34.593,
154.358

 98, 34.593,
154.358

 18, 34.593,
154.358

 8, 34.593, 154.358

 0, 34.593, 154.358

■ 58, 34.593,
154.358

■ 58, 34.593,
154.358

■ 57, 41.751,
153.052

■ 59, 27.060,
155.504

■ 57, 48.398,
151.566

■ 60, 19.282,
156.513

■ 56, 54.417,
149.886

■ 61, 11.380,
157.409

■ 56, 59.727,
148.014

■ 63, 3.457, 158.257

■ 55, 64.295,
145.977

■ 64, 4.404, 338.803

■ 55, 66.653,
144.877

■ 66, 12.142,
339.481

■ 67, 19.712,
340.065

■ 69, 27.085,
340.594

■ 71, 34.244,
341.078

Harmonies

Complementary

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



58, 34.593, 154.358



45, 35.487, 342.300

Rectangle

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



58, 34.593, 154.358



58, 34.593, 204.358



58, 34.593, 334.358



58, 34.593, 24.358

Sweetspot

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



58, 34.594, 154.358



78, 12.715, 157.506



60, 38.817, 122.673



41, 8.877, 157.331



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, 34.594, 154.358



73, 50.360, 153.100



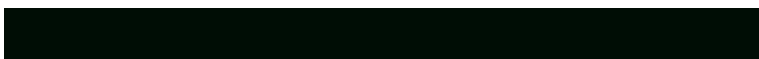
59, 23.699, 186.221



32, 4.458, 157.842



51, 62.237, 145.063



3, 4.837, 158.186

Inverse Universe

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



45, 35.487, 342.300



55, 51.585, 343.403



44, 30.080, 15.164



30, 4.493, 339.125



30, 56.313, 351.889



1, 4.780, 338.958

Previews

White Background



This preview shows how the CIELCh color 58, 34.593, 154.358 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, 34.593, 154.358 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, 34.593, 154.358

Background



This preview shows how black text looks on a background with the CIELCh color 58, 34.593, 154.358.



This preview shows how white text looks on a background with the CIELCh color 58, 34.593, 154.358.

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, 34.593, 154.358

Protanopia
58, 19.133, 94.984

Deuteranopia
58, 15.081, 59.635



Tritanopia
58, 18.115, 220.302

Trichromacy



Original Color
58, 34.593, 154.358

Protanomaly
57, 21.764, 128.933

Deuteranomaly
57, 14.447, 120.021

Tritanomaly
58, 20.498, 186.215

Monochromacy



Original Color
58, 34.593, 154.358

Achromatopsia
54, 0.007, 296.813

Achromatomaly
55, 13.144, 157.231

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 34.593, 154.358 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, 153, 112)` looks like.

```
.text, #text, p{  
    color:rgb(85, 153, 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(85, 153, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 153, 112) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 34.593, 154.358 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, 153, 112) }
```

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

```
.border{ border-color:rgb(85, 153, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 153, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 153, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 153, 112);  
box-shadow:4px 4px 4px 4px rgb(85, 153,  
112) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 34.593, 154.358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 153, 112) }
```

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

```
.background{ background-color: rgb(85, 153,  
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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