

Converting Colors

CIELCh(58, 34.930, 151.170)

Have a look what the booklet for
CIELCh(58, 34.930, 151.170)
contains.

CIELCh(58, 34.930, 151.170)	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, 34.930, 151.170)

Conversions

Conversions Part 1

Format	Color
Hex	59996D
RGB	89, 153, 109
RGB Percent	35%, 60%, 43%
CMY	0.6515, 0.4005, 0.5730
CMYK	0.42, 0.00, 0.29, 0.40
HSL	139°, 26%, 47%
HSV	139°, 42%, 60%
XYZ	18.2329, 25.9610, 18.4847
YIQ	128.8480, -24.0200, -27.2520

Conversions

Conversions Part 2

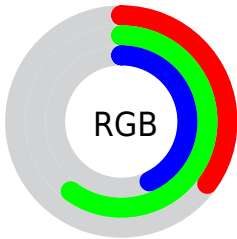
Format	Color
R_{YB}	89, 138, 153
Decimal	5871981
CIE _{Lab}	58.00, -30.60, 16.84
CIE _{LCh}	58, 34.930, 151.170
Yxy	25.9610, 0.2909, 0.4142
Android (android.graphics.Color)	4284062061 (0xFF59996D)
YUV	128.8480, -9.7851, -34.9467
Hunter-Lab	50.9519, -25.2905, 14.1567

Details

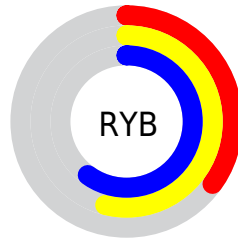
The CIELCh color **58, 34.930, 151.170** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **46, 35.370, 337.932**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **78, 34.906, 151.223**, and **38, 34.760, 151.200** is the 20% darker color. If you saturate the color by 10%, you get **57, 42.744, 149.948**, and if you desaturate by 10%, it is **59, 26.771, 152.236**.

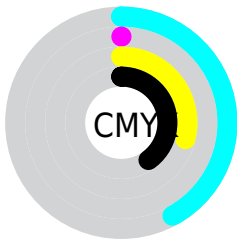
Distribution



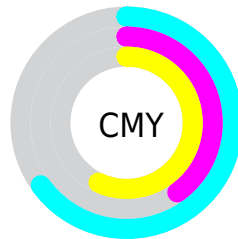
- Red (35%)
- Green (60%)
- Blue (43%)



- Red (35%)
- Yellow (54%)
- Blue (60%)



- Cyan (42%)
- Magenta (0%)
- Yellow (29%)
- Black (40%)





- Cyan (65%)
- Magenta (40%)
- Yellow (57%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 34.930, 151.170 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, 34.930, 151.170 by changing the saturation by 10% instead.


 58, 34.930,
151.170

 58, 34.930,
151.170


 100, 34.930,
151.170

 48, 34.930,
151.170


 78, 34.930,
151.170

 38, 34.930,
151.170

 88, 34.930,
151.170

 28, 34.930,
151.170

 98, 34.930,
151.170

 18, 34.930,
151.170

 8, 34.930, 151.170

 0, 34.930, 151.170

■ 58, 34.930,
151.170

■ 58, 34.930,
151.170

■ 57, 42.744,
149.948

■ 59, 26.771,
152.236

■ 56, 50.056,
148.553

■ 60, 18.407,
153.168

■ 56, 56.721,
146.978

■ 61, 9.966, 153.992

■ 55, 62.615,
145.230

■ 63, 1.551, 154.856

■ 64, 6.758, 335.263

■ 55, 67.655,
143.344

■ 66, 14.903,
335.845

■ 55, 71.214,
141.855

■ 68, 22.844,
336.352

■ 70, 30.558,
336.807

■ 72, 38.030,
337.219

Harmonies

Complementary

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



58, 34.930, 151.170



46, 35.370, 337.932

Rectangle

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



58, 34.930, 151.170



58, 34.930, 201.170



58, 34.930, 331.170



58, 34.930, 21.170

Sweetspot

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



58, 34.931, 151.170



78, 13.542, 153.882



60, 36.015, 119.447



41, 9.457, 153.718



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, 34.931, 151.170



73, 51.132, 150.061



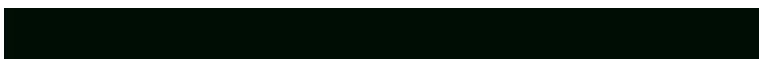
59, 23.715, 179.311



32, 4.745, 154.196



51, 66.616, 142.021



3, 5.137, 154.588

Inverse Universe

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



46, 35.370, 337.932



56, 51.626, 338.762



45, 28.249, 8.367



30, 4.771, 335.384



31, 58.949, 345.309



1, 5.076, 335.273

Previews

White Background



This preview shows how the CIELCh color 58, 34.930, 151.170 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, 34.930, 151.170 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, 34.930, 151.170

Background



This preview shows how black text looks on a background with the CIELCh color 58, 34.930, 151.170.



This preview shows how white text looks on a background with the CIELCh color 58, 34.930, 151.170.

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, 34.930, 151.170

Protanopia
58, 21.295, 95.990

Deuteranopia
58, 16.626, 62.800



Tritanopia
58, 16.910, 219.944

Trichromacy



Original Color
58, 34.930, 151.170

Protanomaly
58, 23.046, 125.521

Deuteranomaly
57, 15.960, 115.793

Tritanomaly
58, 19.732, 182.443

Monochromacy



Original Color
58, 34.930, 151.170

Achromatopsia
54, 0.007, 296.813

Achromatomaly
55, 13.252, 154.407

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 34.930, 151.170 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(89, 153, 109)` looks like.

```
.text, #text, p{  
    color:rgb(89, 153, 109)  
}
```

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(89, 153, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 153, 109) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 34.930, 151.170 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(89, 153, 109) }
```

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

```
.border{ border-color:rgb(89, 153, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 153, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 153, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 153, 109);  
box-shadow:4px 4px 4px 4px rgb(89, 153,  
109) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 34.930, 151.170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 153, 109) }
```

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

```
.background{ background-color: rgb(89, 153,  
109) }
```

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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