

Converting Colors

CIELCh(58, 34.108, 143.327)

Have a look what the booklet for
CIELCh(58, 34.108, 143.327)
contains.

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Color

CIELCh(58, 33.799, 143.655)

Conversions

Conversions Part 1

Format	Color
Hex	649767
RGB	100, 151, 103
RGB Percent	39%, 59%, 40%
CMY	0.6065, 0.4065, 0.5948
CMYK	0.34, 0.00, 0.32, 0.41
HSL	124°, 20%, 49%
HSV	124°, 34%, 59%
XYZ	18.8809, 25.9610, 16.9343
YIQ	130.2790, -14.9880, -25.7400

Conversions

Conversions Part 2

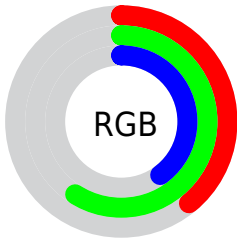
Format	Color
RYB	100, 148, 151
Decimal	6592359
CIELab	58.00, -27.22, 20.03
CIElCh	58, 33.799, 143.655
Yxy	25.9610, 0.3056, 0.4202
Android (android.graphics.Color)	4284782439 (0xFF649767)
YUV	130.2790, -13.4485, -26.5547
Hunter-Lab	50.9519, -23.0202, 15.9609

Details

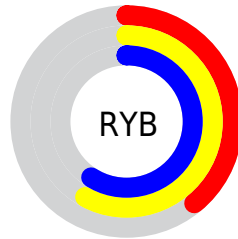
The CIELCh color $58, 33.799, 143.655$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $49, 33.793, 327.901$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $78, 34.363, 143.658$, and $38, 34.245, 143.386$ is the 20% darker color. If you saturate the color by 10%, you get $57, 43.491, 142.681$, and if you desaturate by 10%, it is $59, 23.818, 144.505$.

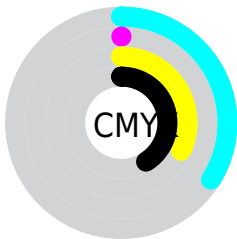
Distribution



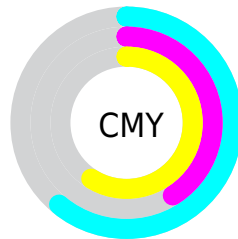
- Red (39%)
- Green (59%)
- Blue (40%)



- Red (39%)
- Yellow (58%)
- Blue (59%)



- Cyan (34%)
- Magenta (0%)
- Yellow (32%)
- Black (41%)





- Cyan (61%)
- Magenta (41%)
- Yellow (59%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 33.799, 143.655 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, 33.799, 143.655 by changing the saturation by 10% instead.


 58, 33.799,
143.655


 58, 33.799,
143.655


 100, 33.799,
143.655


 48, 33.799,
143.655


 78, 33.799,
143.655

 38, 33.799,
143.655

 88, 33.799,
143.655

 28, 33.799,
143.655

 98, 33.799,
143.655

 18, 33.799,
143.655

 8, 33.799, 143.655

 0, 33.799, 143.655

■ 58, 33.799,
143.655

■ 58, 33.799,
143.655

■ 57, 43.491,
142.681

■ 59, 23.818,
144.505

■ 56, 52.660,
141.584

■ 61, 13.732,
145.240

■ 55, 61.033,
140.390

■ 62, 3.684, 145.906

■ 55, 68.301,
139.157

■ 64, 6.219, 326.342

■ 55, 74.135,
137.983

■ 65, 15.904,
326.817

■ 54, 78.241,
136.994

■ 67, 25.324,
327.211

■ 54, 79.981,
136.617

■ 69, 34.453,
327.547

■ 71, 43.279,
327.836

■ 74, 51.802,
328.087

Harmonies

Complementary

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



58, 33.799, 143.655



49, 33.793, 327.901

Rectangle

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



58, 33.799, 143.655



58, 33.799, 193.655



58, 33.799, 323.655



58, 33.799, 13.655

Sweetspot

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



58, 33.800, 143.655



77, 12.362, 145.475



61, 28.181, 109.226



41, 8.508, 145.389



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, 33.800, 143.655



73, 49.354, 142.978



59, 23.260, 163.244



32, 5.697, 145.538



51, 75.552, 136.673



3, 6.138, 146.027

Inverse Universe

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



49, 33.793, 327.901



60, 49.261, 328.280



49, 24.492, 349.740



30, 5.708, 326.536



32, 70.813, 330.652



1, 6.105, 326.254

Previews

White Background



This preview shows how the CIELCh color 58, 33.799, 143.655 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, 33.799, 143.655 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, 33.799, 143.655

Background



This preview shows how black text looks on a background with the CIELCh color 58, 33.799, 143.655.



This preview shows how white text looks on a background with the CIELCh color 58, 33.799, 143.655.

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, 33.799, 143.655

Protanopia
58, 23.567, 95.693

Deuteranopia
58, 19.851, 67.477



Tritanopia
58, 13.573, 226.026

Trichromacy



Original Color
58, 33.799, 143.655

Protanomaly
58, 24.543, 118.312

Deuteranomaly
57, 19.152, 107.903

Tritanomaly
58, 16.309, 177.377

Monochromacy



Original Color
58, 33.799, 143.655

Achromatopsia
55, 0.007, 296.813

Achromatomaly
56, 12.138, 145.206

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 33.799, 143.655 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(100, 151, 103)` looks like.

```
.text, #text, p{  
    color:rgb(100, 151, 103)  
}
```

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(100, 151, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 151, 103) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 33.799, 143.655 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(100, 151, 103) }
```

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

```
.border{ border-color:rgb(100, 151, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 151, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 151, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 151, 103);  
box-shadow:4px 4px 4px 4px rgb(100, 151,  
103) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 33.799, 143.655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 151, 103) }
```

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

```
.background{ background-color: rgb(100,  
151, 103) }
```

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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