

Converting Colors

CIELCh(58, 33.826, 130.506)

Have a look what the booklet for
CIELCh(58, 33.826, 130.506)
contains.

CIELCh(58, 34.064, 130.431)	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, 34.064, 130.431)

Conversions

Conversions Part 1

Format	Color
Hex	74955D
RGB	116, 149, 93
RGB Percent	45%, 58%, 36%
CMY	0.5455, 0.4160, 0.6356
CMYK	0.22, 0.00, 0.38, 0.42
HSL	95°, 23%, 47%
HSV	95°, 38%, 58%
XYZ	19.8950, 25.9610, 14.2983
YIQ	132.7490, -1.6920, -24.4120

Conversions

Conversions Part 2

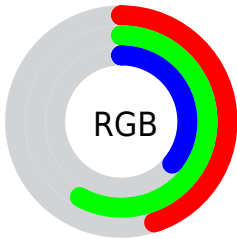
Format	Color
RYB	93, 149, 126
Decimal	7640413
CIELab	58.00, -22.09, 25.93
CIElCh	58, 34.064, 130.431
Yxy	25.9610, 0.3307, 0.4316
Android (android.graphics.Color)	4285830493 (0xFF74955D)
YUV	132.7490, -19.5963, -14.6889
Hunter-Lab	50.9519, -19.4676, 19.0282

Details

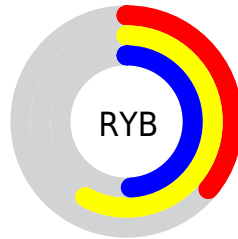
The CIELCh color **58, 34.064, 130.431** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **45, 35.487, 313.775**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **78, 33.877, 130.372**, and **38, 33.962, 130.661** is the 20% darker color. If you saturate the color by 10%, you get **57, 42.785, 129.964**, and if you desaturate by 10%, it is **59, 25.096, 130.915**.

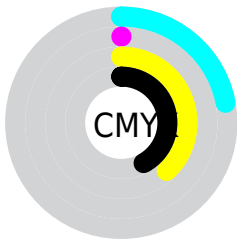
Distribution



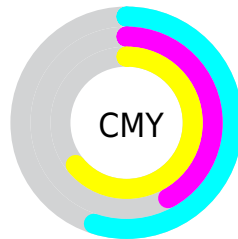
- Red (45%)
- Green (58%)
- Blue (36%)



- Red (36%)
- Yellow (58%)
- Blue (49%)



- Cyan (22%)
- Magenta (0%)
- Yellow (38%)
- Black (42%)





- Cyan (55%)
- Magenta (42%)
- Yellow (64%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 34.064, 130.431 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, 34.064, 130.431 by changing the saturation by 10% instead.


 58, 34.064,
130.431


 58, 34.064,
130.431


 100, 34.064,
130.431


 48, 34.064,
130.431


 78, 34.064,
130.431

 38, 34.064,
130.431

 88, 34.064,
130.431

 28, 34.064,
130.431

 98, 34.064,
130.431

 18, 34.064,
130.431

 8, 34.064, 130.431

 0, 34.064, 130.431

■ 58, 34.064,
130.431

■ 58, 34.064,
130.431

■ 57, 42.785,
129.964

■ 59, 25.096,
130.915

■ 57, 51.070,
129.558

■ 60, 16.008,
131.386

■ 56, 58.662,
129.287

■ 61, 6.896, 131.835

■ 55, 65.225,
129.255

■ 62, 2.175, 312.167

■ 55, 70.385,
129.582

■ 63, 11.157,
312.574

■ 55, 74.045,
130.283

■ 64, 20.016,
312.905

■ 55, 74.861,
130.430

■ 66, 28.729,
313.195

■ 67, 37.281,
313.451

■ 68, 45.662,
313.675

Harmonies

Complementary

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



58, 34.064, 130.431



45, 35.487, 313.775

Rectangle

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



58, 34.064, 130.431



58, 34.064, 180.431



58, 34.064, 310.431



58, 34.064, 0.431

Sweetspot

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



58, 34.065, 130.432



77, 12.384, 131.674



54, 21.536, 79.043



40, 8.300, 131.621



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



58, 34.065, 130.432



73, 50.222, 130.041



57, 36.500, 143.989



31, 5.098, 131.764



51, 70.627, 130.321



2, 4.458, 132.128

Inverse Universe

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



45, 35.487, 313.775



54, 52.824, 314.145



47, 36.477, 328.874



29, 5.153, 312.490



22, 77.265, 314.382



1, 4.459, 312.125

Previews

White Background



This preview shows how the CIELCh color 58, 34.064, 130.431 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, 34.064, 130.431 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

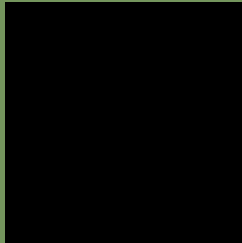
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 58, 34.064, 130.431

Background



This preview shows how black text looks on a background with the CIELCh color 58, 34.064, 130.431.



This preview shows how white text looks on a background with the CIELCh color 58, 34.064, 130.431.

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](#).

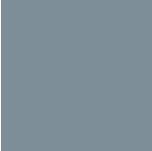
Dichromacy



Original Color
58, 34.064, 130.431

Protanopia
58, 28.516, 96.084

Deuteranopia
58, 25.832, 73.110



Tritanopia
58, 8.693, 245.198

Trichromacy



Original Color
58, 34.064, 130.431

Protanomaly
58, 29.564, 110.931

Deuteranomaly
58, 25.031, 98.176

Tritanomaly
58, 12.045, 157.036

Monochromacy



Original Color
58, 34.064, 130.431

Achromatopsia
56, 0.007, 296.813

Achromatomaly
56, 12.921, 130.898

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 34.064, 130.431 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(116, 149, 93)` looks like.

```
.text, #text, p{  
    color:rgb(116, 149, 93)  
}
```

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(116, 149, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 149, 93) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 34.064, 130.431 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(116, 149, 93) }
```

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

```
.border{ border-color:rgb(116, 149, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 149, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 149, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 149, 93);  
box-shadow:4px 4px 4px 4px rgb(116, 149,  
93) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 34.064, 130.431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 149, 93) }
```

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

```
.background{ background-color: rgb(116,  
149, 93) }
```

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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