

Converting Colors

CIELCh(58, 41.404, 125.631)

Have a look what the booklet for
CIELCh(58, 41.404, 125.631)
contains.

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Color

CIELCh(58, 41.848, 125.378)

Conversions

Conversions Part 1

Format	Color
Hex	75964E
RGB	117, 150, 78
RGB Percent	46%, 59%, 31%
CMY	0.5430, 0.4136, 0.6958
CMYK	0.22, 0.00, 0.48, 0.41
HSL	88°, 32%, 45%
HSV	88°, 48%, 59%
XYZ	19.4685, 25.9610, 11.1128
YIQ	131.9250, 3.4440, -29.3880

Conversions

Conversions Part 2

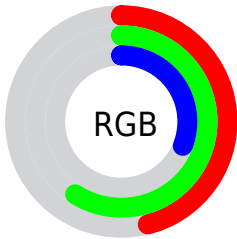
Format	Color
RYB	78, 150, 111
Decimal	7706190
CIELab	58.00, -24.23, 34.12
CIElCh	58, 41.848, 125.378
Yxy	25.9610, 0.3443, 0.4591
Android (android.graphics.Color)	4285896270 (0xFF75964E)
YUV	131.9250, -26.5850, -13.0892
Hunter-Lab	50.9519, -20.9619, 22.7350

Details

The CIELCh color $58, 41.848, 125.378$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $39, 45.167, 310.155$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $78, 41.516, 125.654$, and $38, 41.985, 125.563$ is the 20% darker color. If you saturate the color by 10%, you get $57, 49.798, 125.024$, and if you desaturate by 10%, it is $59, 33.458, 125.821$.

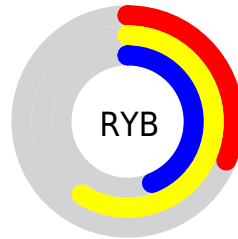
Distribution



Red (46%)

Green (59%)

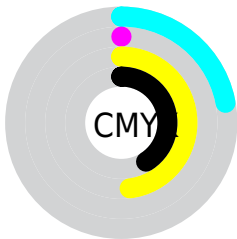
Blue (31%)



Red (31%)

Yellow (59%)

Blue (44%)

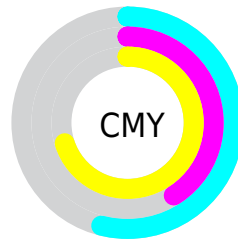


Cyan (22%)

Magenta (0%)

Yellow (48%)

Black (41%)



Cyan (54%)


Magenta (41%)


Yellow (70%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 41.848, 125.378 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, 41.848, 125.378 by changing the saturation by 10% instead.


 58, 41.848,
125.378


 58, 41.848,
125.378


 100, 41.848,
125.378


 48, 41.848,
125.378


 78, 41.848,
125.378

 38, 41.848,
125.378

 88, 41.848,
125.378

 28, 41.848,
125.378

 98, 41.848,
125.378

 18, 41.848,
125.378

 8, 41.848, 125.378

 0, 41.848, 125.378

■ 58, 41.848,
125.378

■ 58, 41.848,
125.378

■ 57, 49.798,
125.024

■ 59, 33.458,
125.821

■ 57, 57.049,
124.829

■ 59, 24.805,
126.300

■ 56, 63.270,
124.898

■ 60, 16.014,
126.783

■ 56, 68.095,
125.349

■ 61, 7.171, 127.257

■ 56, 71.494,
126.184

■ 62, 1.661, 307.635

■ 55, 72.101,
126.330

■ 63, 10.440,
308.088

■ 64, 19.134,
308.468

■ 65, 27.721,
308.812

■ 66, 36.186,
309.123

Harmonies

Complementary

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



58, 41.848, 125.378



39, 45.167, 310.155

Rectangle

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



58, 41.848, 125.378



58, 41.848, 175.378



58, 41.848, 305.378



58, 41.848, 355.378

Sweetspot

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



58, 41.849, 125.379



77, 15.279, 126.967



50, 26.780, 64.473



40, 10.519, 126.873



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, 41.849, 125.379



73, 61.265, 124.994



56, 48.311, 139.651



31, 4.942, 127.206



51, 67.819, 126.207



2, 4.329, 127.605

Inverse Universe

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



39, 45.167, 310.155



45, 67.488, 310.766



44, 48.333, 325.404



29, 5.013, 308.014



20, 79.405, 311.263



0, 4.330, 307.603

Previews

White Background



This preview shows how the CIELCh color 58, 41.848, 125.378 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, 41.848, 125.378 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

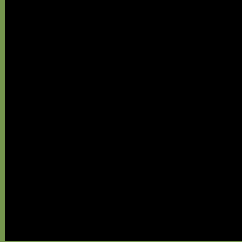
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 41.848, 125.378

Background



This preview shows how black text looks on a background with the CIELCh color 58, 41.848, 125.378.



This preview shows how white text looks on a background with the CIELCh color 58, 41.848, 125.378.

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, 41.848, 125.378

Protanopia
58, 36.565, 95.865

Deuteranopia
58, 33.404, 77.339



Tritanopia
58, 8.000, 250.760

Trichromacy



Original Color
58, 41.848, 125.378

Protanomaly
58, 37.378, 107.830

Deuteranomaly
58, 33.210, 97.691

Tritanomaly
58, 13.679, 146.246

Monochromacy



Original Color
58, 41.848, 125.378

Achromatopsia
55, 0.007, 296.813

Achromatomaly
56, 15.598, 126.865

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 41.848, 125.378 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(117, 150, 78)` looks like.

```
.text, #text, p{  
    color:rgb(117, 150, 78)  
}
```

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(117, 150, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 150, 78) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 41.848, 125.378 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(117, 150, 78) }
```

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

```
.border{ border-color:rgb(117, 150, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 150, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 150, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 150, 78);  
box-shadow:4px 4px 4px 4px rgb(117, 150,  
78) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 41.848, 125.378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 150, 78) }
```

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

```
.background{ background-color: rgb(117,  
150, 78) }
```

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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