

Converting Colors

CIELCh(58, 41.519, 126.158)

Have a look what the booklet for
CIELCh(58, 41.519, 126.158)
contains.

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Color

CIELCh(58, 41.519, 126.158)

Conversions

Conversions Part 1

Format	Color
Hex	74964F
RGB	116, 150, 79
RGB Percent	45%, 59%, 31%
CMY	0.5463, 0.4130, 0.6914
CMYK	0.23, 0.00, 0.47, 0.41
HSL	89°, 31%, 45%
HSV	89°, 47%, 59%
XYZ	19.4154, 25.9610, 11.3277
YIQ	131.7400, 2.5270, -29.2890

Conversions

Conversions Part 2

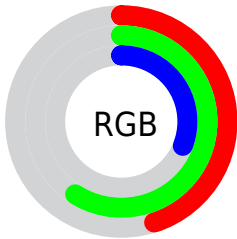
Format	Color
RYB	79, 150, 113
Decimal	7640655
CIELab	58.00, -24.50, 33.52
CIElCh	58, 41.519, 126.158
Yxy	25.9610, 0.3424, 0.4578
Android (android.graphics.Color)	4285830735 (0xFF74964F)
YUV	131.7400, -26.0008, -13.8040
Hunter-Lab	50.9519, -21.1479, 22.4849

Details

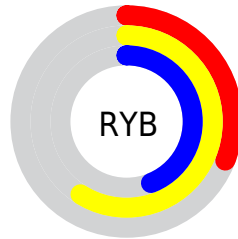
The CIELCh color $58, 41.519, 126.158$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $40, 44.596, 310.753$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $78, 41.176, 126.399$, and $38, 41.733, 126.350$ is the 20% darker color. If you saturate the color by 10%, you get $57, 49.565, 125.794$, and if you desaturate by 10%, it is $59, 33.048, 126.604$.

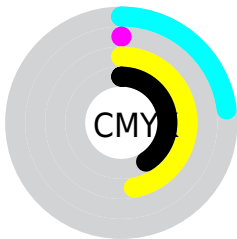
Distribution



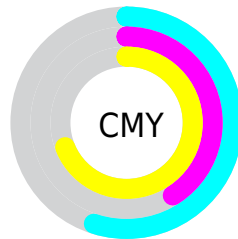
- Red (45%)
- Green (59%)
- Blue (31%)



- Red (31%)
- Yellow (59%)
- Blue (44%)



- Cyan (23%)
- Magenta (0%)
- Yellow (47%)
- Black (41%)





- Cyan (55%)
- Magenta (41%)
- Yellow (69%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 41.519, 126.158 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, 41.519, 126.158 by changing the saturation by 10% instead.


 58, 41.519,
126.158


 58, 41.519,
126.158

 100, 41.519,
126.158


 48, 41.519,
126.158


 78, 41.519,
126.158


 38, 41.519,
126.158

 88, 41.519,
126.158

 28, 41.519,
126.158

 98, 41.519,
126.158

 18, 41.519,
126.158

 8, 41.519, 126.158

 0, 41.519, 126.158

■ 58, 41.519,
126.158

■ 58, 41.519,
126.158

■ 57, 49.565,
125.794

■ 59, 33.048,
126.604

■ 57, 56.933,
125.582

■ 59, 24.325,
127.080

■ 56, 63.293,
125.625

■ 60, 15.475,
127.557

■ 56, 68.280,
126.041

■ 61, 6.582, 128.023

■ 55, 71.787,
126.859

■ 62, 2.293, 308.400

■ 55, 72.632,
127.059

■ 63, 11.107,
308.829

■ 64, 19.829,
309.196

■ 66, 28.437,
309.527

■ 67, 36.915,
309.825

Harmonies

Complementary

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



58, 41.519, 126.158



40, 44.596, 310.753

Rectangle

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



58, 41.519, 126.158



58, 41.519, 176.158



58, 41.519, 306.158



58, 41.519, 356.158

Sweetspot

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



58, 41.520, 126.159



77, 15.350, 127.705



50, 26.439, 66.259



40, 10.568, 127.612



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, 41.520, 126.159



73, 60.659, 125.773



56, 47.916, 140.073



31, 4.965, 127.941



51, 68.269, 126.935



2, 4.347, 128.331

Inverse Universe

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



40, 44.596, 310.753



46, 66.374, 311.315



44, 47.870, 325.875



29, 5.033, 308.729



20, 79.066, 311.700



0, 4.348, 308.329

Previews

White Background



This preview shows how the CIELCh color 58, 41.519, 126.158 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, 41.519, 126.158 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, 41.519, 126.158

Background



This preview shows how black text looks on a background with the CIELCh color 58, 41.519, 126.158.



This preview shows how white text looks on a background with the CIELCh color 58, 41.519, 126.158.

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](#).

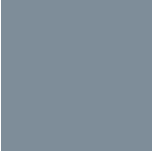
Dichromacy



Original Color
58, 41.519, 126.158

Protanopia
58, 36.052, 95.797

Deuteranopia
58, 32.916, 76.978



Tritanopia
58, 8.644, 251.468

Trichromacy



Original Color
58, 41.519, 126.158

Protanomaly
58, 36.886, 108.605

Deuteranomaly
58, 32.684, 97.629

Tritanomaly
58, 13.476, 148.925

Monochromacy



Original Color
58, 41.519, 126.158

Achromatopsia
55, 0.007, 296.813

Achromatomaly
56, 15.739, 128.246

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 41.519, 126.158 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, 150, 79)` looks like.

```
.text, #text, p{  
    color:rgb(116, 150, 79)  
}
```

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, 150, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 150, 79) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 41.519, 126.158 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, 150, 79) }
```

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

```
.border{ border-color:rgb(116, 150, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 150, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 150, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 150, 79);  
box-shadow:4px 4px 4px 4px rgb(116, 150,  
79) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 41.519, 126.158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 150, 79) }
```

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

```
.background{ background-color: rgb(116,  
150, 79) }
```

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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