

Converting Colors

CIELCh(58, 26.843, 126.610)

Have a look what the booklet for
CIELCh(58, 26.843, 126.610)
contains.

CIELCh(58, 26.682, 126.471)	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, 26.682, 126.471)

Conversions

Conversions Part 1

Format	Color
Hex	7D9265
RGB	125, 146, 101
RGB Percent	49%, 57%, 40%
CMY	0.5088, 0.4264, 0.6030
CMYK	0.14, 0.00, 0.31, 0.43
HSL	88°, 18%, 49%
HSV	88°, 31%, 57%
XYZ	21.1743, 25.9610, 16.2697
YIQ	134.5910, 1.9290, -18.4470

Conversions

Conversions Part 2

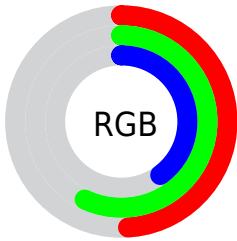
Format	Color
RYB	101, 146, 122
Decimal	8229477
CIELab	58.00, -15.86, 21.46
CIELCh	58, 26.682, 126.471
Yxy	25.9610, 0.3340, 0.4094
Android (android.graphics.Color)	4286419557 (0xFF7D9265)
YUV	134.5910, -16.5604, -8.4113
Hunter-Lab	50.9519, -14.9859, 16.7341

Details

The CIELCh color $58, 26.682, 126.471$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $46, 27.915, 309.419$, and the grayscale version is $56, 0.007, 296.813$.

A 20% lighter version of the original color is $78, 26.851, 126.468$, and $38, 26.231, 126.752$ is the 20% darker color. If you saturate the color by 10%, you get $57, 35.148, 126.003$, and if you desaturate by 10%, it is $59, 18.058, 126.954$.

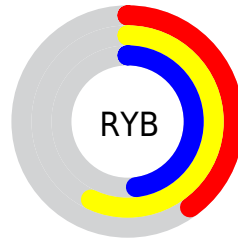
Distribution



Red (49%)

Green (57%)

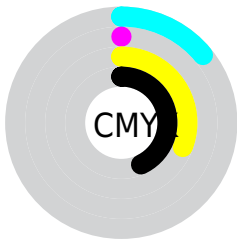
Blue (40%)



Red (40%)

Yellow (57%)

Blue (48%)

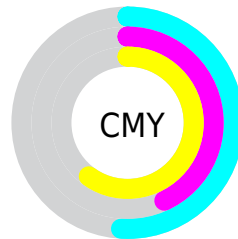


Cyan (14%)

Magenta (0%)

Yellow (31%)

Black (43%)



Cyan (51%)


Magenta (43%)


Yellow (60%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 26.682, 126.471 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, 26.682, 126.471 by changing the saturation by 10% instead.

 58, 26.682,
126.471


 58, 26.682,
126.471


 100, 26.682,
126.471


 48, 26.682,
126.471


 78, 26.682,
126.471

 38, 26.682,
126.471

 88, 26.682,
126.471

 28, 26.682,
126.471

 98, 26.682,
126.471

 18, 26.682,
126.471

 8, 26.682, 126.471

 0, 26.682, 126.471

■ 58, 26.682,
126.471

■ 58, 26.682,
126.471

■ 57, 35.148,
126.003

■ 59, 18.058,
126.954

■ 57, 43.316,
125.578

■ 60, 9.364, 127.426

■ 56, 50.995,
125.255

■ 61, 0.667, 127.989

■ 62, 7.985, 308.265

■ 55, 57.914,
125.116

■ 63, 16.559,
308.651

■ 55, 63.732,
125.268

■ 64, 25.031,
309.000

■ 55, 68.103,
125.828

■ 65, 33.385,
309.314

■ 54, 71.109,
126.591

■ 66, 41.608,
309.598

■ 67, 49.693,
309.852

Harmonies

Complementary

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



58, 26.682, 126.471



46, 27.915, 309.419

Rectangle

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



58, 26.682, 126.471



58, 26.682, 176.471



58, 26.682, 306.471



58, 26.682, 356.471

Sweetspot

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



58, 26.683, 126.473



76, 9.728, 127.500



53, 16.035, 66.378



40, 6.815, 127.438



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, 26.683, 126.473



74, 39.774, 126.141



57, 30.772, 141.159



31, 4.951, 127.499



51, 67.998, 126.501



2, 4.336, 127.895

Inverse Universe

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



46, 27.915, 309.419



56, 42.095, 309.814



49, 30.855, 324.622



29, 5.021, 308.299



20, 79.270, 311.435



0, 4.337, 307.893

Previews

White Background



This preview shows how the CIELCh color 58, 26.682, 126.471 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, 26.682, 126.471 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

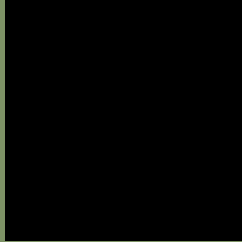
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 26.682, 126.471

Background



This preview shows how black text looks on a background with the CIELCh color 58, 26.682, 126.471.



This preview shows how white text looks on a background with the CIELCh color 58, 26.682, 126.471.

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](#).

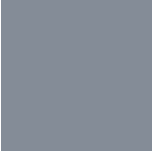
Dichromacy



Original Color
58, 26.682, 126.471

Protanopia
58, 23.567, 95.693

Deuteranopia
58, 21.509, 69.218



Tritanopia
58, 6.869, 265.172

Trichromacy



Original Color
58, 26.682, 126.471

Protanomaly
58, 24.080, 108.362

Deuteranomaly
58, 20.439, 93.130

Tritanomaly
58, 6.987, 151.827

Monochromacy



Original Color
58, 26.682, 126.471

Achromatopsia
56, 0.007, 296.813

Achromatomaly
57, 9.667, 128.583

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 26.682, 126.471 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(125, 146, 101)` looks like.

```
.text, #text, p{  
    color:rgb(125, 146, 101)  
}
```

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(125, 146, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 146, 101) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 26.682, 126.471 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(125, 146, 101) }
```

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

```
.border{ border-color:rgb(125, 146, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 146, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 146, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 146, 101);  
box-shadow:4px 4px 4px 4px rgb(125, 146,  
101) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 26.682, 126.471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 146, 101) }
```

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

```
.background{ background-color: rgb(125,  
146, 101) }
```

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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