

Converting Colors

CIELCh(58, 26.707, 122.767)

Have a look what the booklet for
CIELCh(58, 26.707, 122.767)
contains.

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Color

CIELCh(58, 26.676, 122.777)

Conversions

Conversions Part 1

Format	Color
Hex	819264
RGB	129, 146, 100
RGB Percent	51%, 57%, 39%
CMY	0.4959, 0.4292, 0.6095
CMYK	0.12, 0.00, 0.32, 0.43
HSL	82°, 19%, 48%
HSV	82°, 32%, 57%
XYZ	21.4730, 25.9610, 15.8267
YIQ	135.6730, 4.6340, -17.9100

Conversions

Conversions Part 2

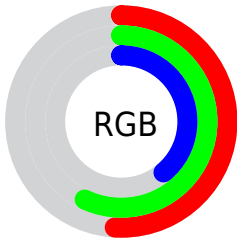
Format	Color
RYB	100, 146, 117
Decimal	8491620
CIELab	58.00, -14.44, 22.43
CIElCh	58, 26.676, 122.777
Yxy	25.9610, 0.3394, 0.4104
Android (android.graphics.Color)	4286681700 (0xFF819264)
YUV	135.6730, -17.5868, -5.8522
Hunter-Lab	50.9519, -13.9395, 17.2497

Details

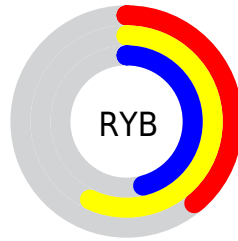
The CIELCh color $58, 26.676, 122.777$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $45, 28.208, 306.233$, and the grayscale version is $56, 0.007, 296.813$.

A 20% lighter version of the original color is $78, 26.871, 123.026$, and $38, 26.161, 122.689$ is the 20% darker color. If you saturate the color by 10%, you get $57, 34.873, 122.278$, and if you desaturate by 10%, it is $59, 18.300, 123.301$.

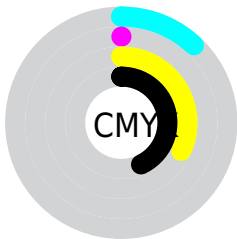
Distribution



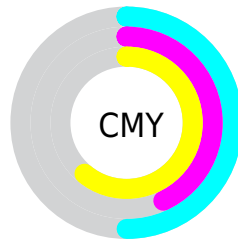
- Red (51%)
- Green (57%)
- Blue (39%)



- Red (39%)
- Yellow (57%)
- Blue (46%)



- Cyan (12%)
- Magenta (0%)
- Yellow (32%)
- Black (43%)





- Cyan (50%)
- Magenta (43%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 26.676, 122.777 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, 26.676, 122.777 by changing the saturation by 10% instead.


 58, 26.676,
122.777

 58, 26.676,
122.777


 100, 26.676,
122.777

 48, 26.676,
122.777


 78, 26.676,
122.777

 38, 26.676,
122.777

 88, 26.676,
122.777

 28, 26.676,
122.777

 98, 26.676,
122.777

 18, 26.676,
122.777

 8, 26.676, 122.777

 0, 26.676, 122.777

■ 58, 26.676,
122.777

■ 58, 26.676,
122.777

■ 57, 34.873,
122.278

■ 59, 18.300,
123.301

■ 57, 42.753,
121.834

■ 59, 9.833, 123.822

■ 56, 50.121,
121.504

■ 60, 1.341, 124.359

■ 61, 7.132, 304.782

■ 56, 56.701,
121.367

■ 62, 15.552,
305.230

■ 55, 62.151,
121.527

■ 63, 23.897,
305.643

■ 55, 66.134,
122.094

■ 64, 32.150,
306.022

■ 55, 68.654,
122.772

■ 65, 40.297,
306.370

■ 66, 48.331,
306.687

Harmonies

Complementary

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



58, 26.676, 122.777



45, 28.208, 306.233

Rectangle

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



58, 26.676, 122.777



58, 26.676, 172.777



58, 26.676, 302.777



58, 26.676, 352.777

Sweetspot

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



58, 26.677, 122.779



76, 9.436, 123.945



51, 16.230, 57.107



39, 6.537, 123.878



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



58, 26.677, 122.779



73, 39.475, 122.415



56, 30.626, 138.990



31, 4.855, 123.944



52, 65.901, 122.693



2, 4.257, 124.393

Inverse Universe

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



45, 28.208, 306.233



54, 42.362, 306.734



48, 30.887, 322.195



29, 4.936, 304.859



18, 80.846, 309.596



0, 4.258, 304.391

Previews

White Background



This preview shows how the CIELCh color 58, 26.676, 122.777 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, 26.676, 122.777 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

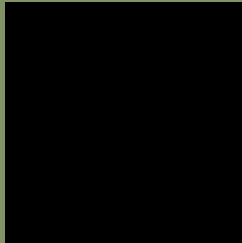
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 26.676, 122.777

Background



This preview shows how black text looks on a background with the CIELCh color 58, 26.676, 122.777.



This preview shows how white text looks on a background with the CIELCh color 58, 26.676, 122.777.

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](#).

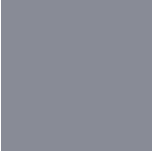
Dichromacy



Original Color
58, 26.676, 122.777

Protanopia
58, 24.110, 95.872

Deuteranopia
58, 22.722, 69.927



Tritanopia
58, 6.339, 280.648

Trichromacy



Original Color
58, 26.676, 122.777

Protanomaly
58, 24.104, 106.296

Deuteranomaly
58, 21.765, 91.462

Tritanomaly
58, 6.032, 141.123

Monochromacy



Original Color
58, 26.676, 122.777

Achromatopsia
56, 0.007, 296.813

Achromatomaly
57, 9.963, 123.158

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 26.676, 122.777 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(129, 146, 100)` looks like.

```
.text, #text, p{  
    color:rgb(129, 146, 100)  
}
```

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(129, 146, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 146, 100) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 26.676, 122.777 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(129, 146, 100) }
```

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

```
.border{ border-color:rgb(129, 146, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 146, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 146, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 146, 100);  
box-shadow:4px 4px 4px 4px rgb(129, 146,  
100) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 26.676, 122.777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 146, 100) }
```

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

```
.background{ background-color: rgb(129,  
146, 100) }
```

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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