

Converting Colors

CIELCh(59, 28.350, 119.314)

Have a look what the booklet for
CIELCh(59, 28.350, 119.314)
contains.

CIELCh(59, 28.401, 119.078)	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(59, 28.401, 119.078)

Conversions

Conversions Part 1

Format	Color
Hex	869462
RGB	134, 148, 98
RGB Percent	53%, 58%, 38%
CMY	0.4755, 0.4206, 0.6166
CMYK	0.09, 0.00, 0.34, 0.42
HSL	77°, 20%, 48%
HSV	77°, 34%, 58%
XYZ	22.5370, 27.0277, 15.5268
YIQ	138.1140, 7.7060, -18.5180

Conversions

Conversions Part 2

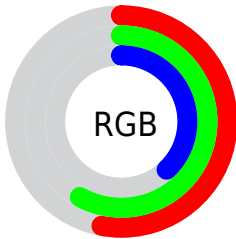
Format	Color
RYB	98, 148, 112
Decimal	8819810
CIELab	59.00, -13.80, 24.82
CIElCh	59, 28.401, 119.078
Yxy	27.0277, 0.3462, 0.4152
Android (android.graphics.Color)	4287009890 (0xFF869462)
YUV	138.1140, -19.7762, -3.6080
Hunter-Lab	51.9882, -13.5992, 18.6842

Details

The CIELCh color $59, 28.401, 119.078$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $45, 30.423, 303.426$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $79, 28.465, 118.841$, and $39, 27.892, 118.550$ is the 20% darker color. If you saturate the color by 10%, you get $58, 36.470, 118.525$, and if you desaturate by 10%, it is $60, 20.113, 119.667$.

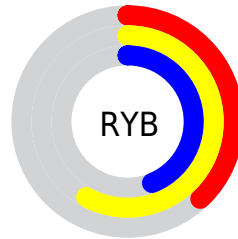
Distribution



Red (53%)

Green (58%)

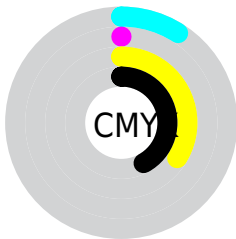
Blue (38%)



Red (38%)

Yellow (58%)

Blue (44%)

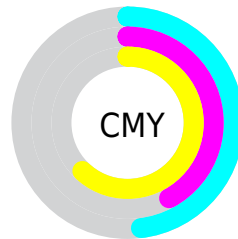


Cyan (9%)

Magenta (0%)

Yellow (34%)

Black (42%)



Cyan (48%)


Magenta (42%)

Yellow (62%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 28.401, 119.078 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 59, 28.401, 119.078 by changing the saturation by 10% instead.

 59, 28.401,
119.078


 59, 28.401,
119.078

 100, 28.401,
119.078


 49, 28.401,
119.078


 79, 28.401,
119.078

 39, 28.401,
119.078

 89, 28.401,
119.078

 29, 28.401,
119.078

 99, 28.401,
119.078

 19, 28.401,
119.078

 9, 28.401, 119.078

 0, 28.401, 119.078

■ 59, 28.401,
119.078

■ 59, 28.401,
119.078

■ 58, 36.470,
118.525

■ 60, 20.113,
119.667

■ 58, 44.166,
118.040

■ 60, 11.702,
120.259

■ 58, 51.273,
117.683

■ 61, 3.238, 120.845

■ 57, 57.491,
117.531

■ 62, 5.231, 301.386

■ 57, 62.458,
117.684

■ 62, 13.673,
301.919

■ 56, 65.862,
118.235

■ 63, 22.061,
302.417

■ 56, 67.548,
118.660

■ 64, 30.378,
302.881

■ 65, 38.611,
303.312

■ 66, 46.748,
303.710

Harmonies

Complementary

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



59, 28.401, 119.078



45, 30.423, 303.426

Rectangle

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



59, 28.401, 119.078



59, 28.401, 169.078



59, 28.401, 299.078



59, 28.401, 349.078

Sweetspot

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



59, 28.402, 119.080



77, 10.445, 120.472



50, 18.120, 46.081



40, 7.182, 120.397



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



59, 28.402, 119.080



74, 42.193, 118.632



57, 32.159, 136.103



31, 4.784, 120.530



53, 64.135, 118.573



2, 4.199, 121.051

Inverse Universe

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



45, 30.423, 303.426



53, 46.090, 304.130



47, 32.739, 319.234



29, 4.873, 301.597



17, 82.167, 308.288



0, 4.199, 301.050

Previews

White Background



This preview shows how the CIELCh color 59, 28.401, 119.078 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 59, 28.401, 119.078 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

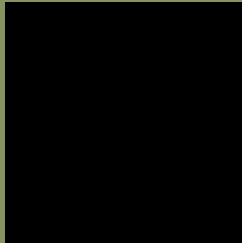
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 28.401, 119.078

Background



This preview shows how black text looks on a background with the CIELCh color 59, 28.401, 119.078.



This preview shows how white text looks on a background with the CIELCh color 59, 28.401, 119.078.

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
59, 28.401, 119.078

Protanopia
59, 26.811, 95.774

Deuteranopia
59, 25.235, 72.598



Tritanopia
59, 6.240, 290.898

Trichromacy



Original Color
59, 28.401, 119.078

Protanomaly
59, 26.776, 104.267

Deuteranomaly
59, 24.113, 90.610

Tritanomaly
59, 6.539, 127.136

Monochromacy



Original Color
59, 28.401, 119.078

Achromatopsia
57, 0.007, 296.813

Achromatomaly
58, 11.021, 121.674

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 28.401, 119.078 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(134, 148, 98)` looks like.

```
.text, #text, p{  
    color:rgb(134, 148, 98)  
}
```

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(134, 148, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 148, 98) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 28.401, 119.078 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(134, 148, 98) }
```

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

```
.border{ border-color:rgb(134, 148, 98) }
```

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

Here you see how a box with a 4 pixel rgb(134, 148, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 148, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 148, 98);  
box-shadow:4px 4px 4px 4px rgb(134, 148,  
98) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 28.401, 119.078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 148, 98) }
```

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

```
.background{ background-color: rgb(134,  
148, 98) }
```

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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