

Converting Colors

CIELCh(59, 26.130, 118.468)

Have a look what the booklet for
CIELCh(59, 26.130, 118.468)
contains.

CIELCh(59, 26.124, 118.441)	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, 26.124, 118.441)

Conversions

Conversions Part 1

Format	Color
Hex	879365
RGB	135, 147, 101
RGB Percent	53%, 58%, 40%
CMY	0.4699, 0.4229, 0.6033
CMYK	0.08, 0.00, 0.31, 0.42
HSL	76°, 19%, 49%
HSV	76°, 31%, 58%
XYZ	22.8357, 27.0277, 16.3663
YIQ	138.1680, 7.6140, -16.8500

Conversions

Conversions Part 2

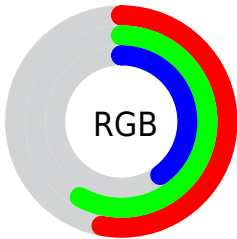
Format	Color
R_{YB}	101, 147, 113
Decimal	8885093
CIE _{Lab}	59.00, -12.44, 22.97
CIE _{LCh}	59, 26.124, 118.441
Yxy	27.0277, 0.3448, 0.4081
Android (android.graphics.Color)	4287075173 (0xFF879365)
YUV	138.1680, -18.3238, -2.7783
Hunter-Lab	51.9882, -12.5736, 17.7267

Details

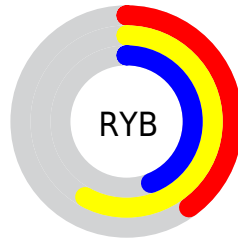
The CIELCh color $59, 26.124, 118.441$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $46, 27.857, 302.566$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $79, 26.289, 118.176$, and $39, 25.524, 117.872$ is the 20% darker color. If you saturate the color by 10%, you get $58, 34.205, 117.860$, and if you desaturate by 10%, it is $60, 17.852, 119.051$.

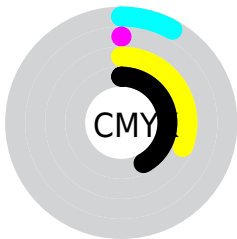
Distribution



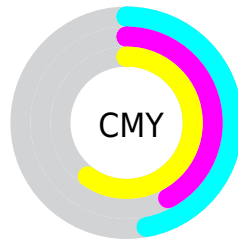
- Red (53%)
- Green (58%)
- Blue (40%)



- Red (40%)
- Yellow (58%)
- Blue (44%)



- Cyan (8%)
- Magenta (0%)
- Yellow (31%)
- Black (42%)





- Cyan (47%)
- Magenta (42%)
- Yellow (60%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 26.124, 118.441 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, 26.124, 118.441 by changing the saturation by 10% instead.

 59, 26.124,
118.441

 59, 26.124,
118.441


 100, 26.124,
118.441


 49, 26.124,
118.441

 79, 26.124,
118.441

 39, 26.124,
118.441

 89, 26.124,
118.441

 29, 26.124,
118.441

 99, 26.124,
118.441

 19, 26.124,
118.441

 9, 26.124, 118.441

 0, 26.124, 118.441

■ 59, 26.124,
118.441

■ 59, 26.124,
118.441

■ 58, 34.205,
117.860

■ 60, 17.852,
119.051

■ 58, 41.956,
117.335

■ 60, 9.475, 119.660

■ 58, 49.181,
116.920

■ 61, 1.057, 120.275

■ 62, 7.361, 300.816

■ 57, 55.602,
116.684

■ 62, 15.747,
301.358

■ 57, 60.867,
116.721

■ 63, 24.078,
301.866

■ 56, 64.633,
117.127

■ 64, 32.339,
302.341

■ 56, 66.989,
117.697

■ 65, 40.516,
302.781

■ 66, 48.600,
303.190

Harmonies

Complementary

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



59, 26.124, 118.441



46, 27.857, 302.566

Rectangle

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



59, 26.124, 118.441



59, 26.124, 168.441



59, 26.124, 298.441



59, 26.124, 348.441

Sweetspot

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



59, 26.125, 118.443



77, 9.375, 119.785



51, 16.636, 44.373



41, 6.566, 119.704



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, 26.125, 118.443



75, 39.094, 118.001



57, 29.492, 135.771



31, 4.772, 119.784



53, 63.794, 117.618



2, 4.188, 120.322

Inverse Universe

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



46, 27.857, 302.566



54, 42.459, 303.240



48, 30.031, 318.608



29, 4.862, 300.889



17, 82.423, 308.055



0, 4.189, 300.322

Previews

White Background



This preview shows how the CIELCh color 59, 26.124, 118.441 looks on a white background.

Color Contrast Check

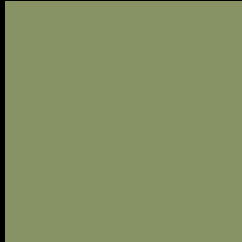
Large Text (above 18pt) WCAG AA ✓ Pass

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, 26.124, 118.441 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

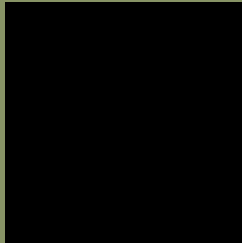
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

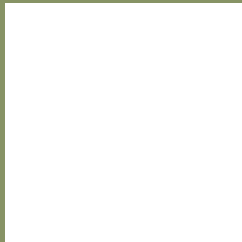
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 59, 26.124, 118.441

Background



This preview shows how black text looks on a background with the CIELCh color 59, 26.124, 118.441.



This preview shows how white text looks on a background with the CIELCh color 59, 26.124, 118.441.

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, 26.124, 118.441

Protanopia
59, 24.563, 96.118

Deuteranopia
59, 23.076, 70.747



Tritanopia
59, 6.257, 294.361

Trichromacy



Original Color
59, 26.124, 118.441

Protanomaly
59, 24.598, 104.299

Deuteranomaly
59, 21.982, 89.332

Tritanomaly
59, 5.227, 122.730

Monochromacy



Original Color
59, 26.124, 118.441

Achromatopsia
57, 0.007, 296.813

Achromatomaly
58, 9.204, 119.230

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 26.124, 118.441 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(135, 147, 101)` looks like.

```
.text, #text, p{  
    color:rgb(135, 147, 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(135, 147, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 147, 101) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 26.124, 118.441 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(135, 147, 101) }
```

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

```
.border{ border-color:rgb(135, 147, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 147, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 147, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 147, 101);  
box-shadow:4px 4px 4px 4px rgb(135, 147,  
101) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 26.124, 118.441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 147, 101) }
```

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

```
.background{ background-color: rgb(135,  
147, 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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