

Converting Colors

CIELCh(59, 21.270, 116.602)

Have a look what the booklet for
CIELCh(59, 21.270, 116.602)
contains.

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Color

CIELCh(59, 21.518, 116.697)

Conversions

Conversions Part 1

Format	Color
Hex	8A926C
RGB	138, 146, 108
RGB Percent	54%, 57%, 42%
CMY	0.4590, 0.4276, 0.5766
CMYK	0.05, 0.00, 0.26, 0.43
HSL	73°, 15%, 50%
HSV	73°, 26%, 57%
XYZ	23.4526, 27.0277, 18.1581
YIQ	139.2760, 7.4300, -13.5140

Conversions

Conversions Part 2

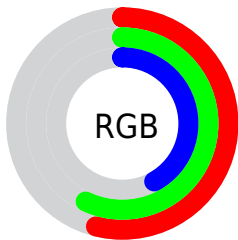
Format	Color
R_{YB}	108, 146, 116
Decimal	9081452
CIE _{Lab}	59.00, -9.67, 19.22
CIE _{LCh}	59, 21.518, 116.697
Yxy	27.0277, 0.3417, 0.3938
Android (android.graphics.Color)	4287271532 (0xFF8A926C)
YUV	139.2760, -15.4191, -1.1191
Hunter-Lab	51.9882, -10.4555, 15.6834

Details

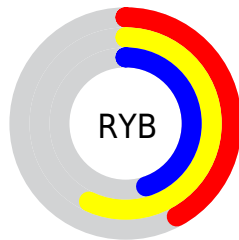
The CIELCh color $59, 21.518, 116.697$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $48, 22.734, 300.391$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $79, 21.394, 116.634$, and $39, 21.866, 116.553$ is the 20% darker color. If you saturate the color by 10%, you get $58, 29.591, 116.050$, and if you desaturate by 10%, it is $60, 13.301, 117.362$.

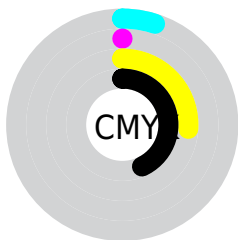
Distribution



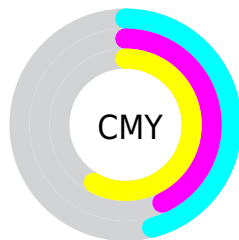
- Red (54%)
- Green (57%)
- Blue (42%)



- Red (42%)
- Yellow (57%)
- Blue (45%)



- Cyan (5%)
- Magenta (0%)
- Yellow (26%)
- Black (43%)




- Cyan (46%)
- Magenta (43%)
- Yellow (58%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 21.518, 116.697 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, 21.518, 116.697 by changing the saturation by 10% instead.


 59, 21.518,
116.697


 59, 21.518,
116.697


 100, 21.518,
116.697


 49, 21.518,
116.697


 79, 21.518,
116.697

 39, 21.518,
116.697

 89, 21.518,
116.697

 29, 21.518,
116.697

 99, 21.518,
116.697

 19, 21.518,
116.697

 9, 21.518, 116.697

 0, 21.518, 116.697

■ 59, 21.518,
116.697

■ 59, 21.518,
116.697

■ 58, 29.591,
116.050

■ 60, 13.301,
117.362

■ 58, 37.408,
115.438

■ 60, 5.009, 118.018

■ 58, 44.809,
114.904

■ 61, 3.307, 298.647

■ 57, 51.559,
114.504

■ 61, 11.612,
299.259

■ 57, 57.341,
114.312

■ 62, 19.882,
299.837

■ 57, 61.792,
114.417

■ 63, 28.097,
300.382

■ 56, 64.709,
114.873

■ 64, 36.244,
300.892

■ 56, 65.729,

■ 65, 44.311,
301.368

115.073

■ 66, 52.292,
301.809

Harmonies

Complementary

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



59, 21.518, 116.697



48, 22.734, 300.391

Rectangle

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



59, 21.518, 116.697



59, 21.518, 166.697



59, 21.518, 296.697



59, 21.518, 346.697

Sweetspot

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



59, 21.519, 116.700



76, 8.191, 117.879



51, 13.822, 39.177



40, 5.802, 117.789



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



59, 21.519, 116.700



74, 31.493, 116.333



58, 24.043, 134.552



31, 4.742, 117.810



53, 62.982, 115.014



2, 4.163, 118.400

Inverse Universe

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



48, 22.734, 300.391



58, 33.723, 300.916



49, 24.503, 316.812



29, 4.835, 299.024



16, 83.035, 307.523



0, 4.164, 298.400

Previews

White Background



This preview shows how the CIELCh color 59, 21.518, 116.697 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, 21.518, 116.697 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

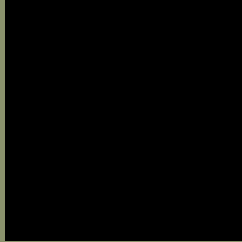
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

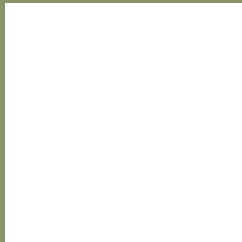
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 59, 21.518, 116.697

Background



This preview shows how black text looks on a background with the CIELCh color 59, 21.518, 116.697.



This preview shows how white text looks on a background with the CIELCh color 59, 21.518, 116.697.

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, 21.518, 116.697

Protanopia
59, 20.671, 95.836

Deuteranopia
59, 19.754, 67.543



Tritanopia
59, 6.449, 304.535

Trichromacy



Original Color
59, 21.518, 116.697

Protanomaly
59, 20.258, 102.997

Deuteranomaly
59, 18.803, 86.751

Tritanomaly
59, 3.950, 109.709

Monochromacy



Original Color
59, 21.518, 116.697

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 8.008, 117.915

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 21.518, 116.697 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(138, 146, 108)` looks like.

```
.text, #text, p{  
    color:rgb(138, 146, 108)  
}
```

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(138, 146, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 146, 108) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 21.518, 116.697 is called "border". The border property can be set on classes, ids or directly on the HTML element.

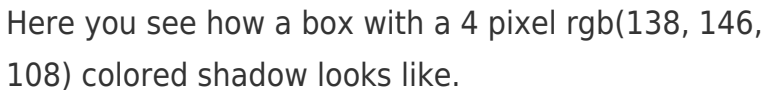
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(138, 146, 108) }
```

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

```
.border{ border-color:rgb(138, 146, 108) }
```

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



Here you see how a box with a 4 pixel `rgb(138, 146, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(138, 146, 108); -webkit-box-shadow:4px 4px 4px 4px rgb(138, 146, 108); box-shadow:4px 4px 4px 4px rgb(138, 146, 108) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 21.518, 116.697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 146, 108) }
```

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

```
.background{ background-color: rgb(138,  
146, 108) }
```

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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