

Converting Colors

CIELCh(59, 46.699, 106.766)

Have a look what the booklet for
CIELCh(59, 46.699, 106.766)
contains.

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Color

CIELCh(59, 46.552, 107.041)

Conversions

Conversions Part 1

Format	Color
Hex	8F933C
RGB	143, 147, 60
RGB Percent	56%, 58%, 24%
CMY	0.4393, 0.4236, 0.7647
CMYK	0.03, 0.00, 0.59, 0.42
HSL	63°, 42%, 41%
HSV	63°, 59%, 58%
XYZ	22.5721, 27.0277, 8.3003
YIQ	135.8860, 25.5430, -27.9050

Conversions

Conversions Part 2

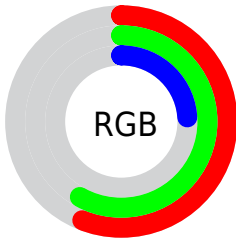
Format	Color
RYB	60, 147, 64
Decimal	9409340
CIELab	59.00, -13.64, 44.51
CIELCh	59, 46.552, 107.041
Yxy	27.0277, 0.3898, 0.4668
Android (android.graphics.Color)	4287599420 (0xFF8F933C)
YUV	135.8860, -37.4118, 6.2390
Hunter-Lab	51.9882, -13.4787, 26.9257

Details

The CIELCh color $59, 46.552, 107.041$ is a dark color, and the websafe version is hex 999933 . A complement of this color would be $30, 55.033, 300.073$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $79, 46.537, 106.947$, and $39, 46.801, 107.275$ is the 20% darker color. If you saturate the color by 10%, you get $59, 52.890, 106.420$, and if you desaturate by 10%, it is $59, 39.441, 107.781$.

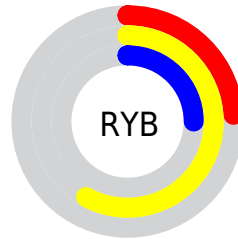
Distribution



Red (56%)

Green (58%)

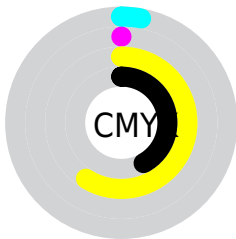
Blue (24%)



Red (24%)

Yellow (58%)

Blue (25%)

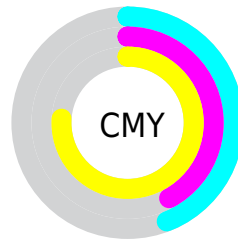


Cyan (3%)

Magenta (0%)

Yellow (59%)

Black (42%)



Cyan (44%)


Magenta (42%)


Yellow (76%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 46.552, 107.041 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, 46.552, 107.041 by changing the saturation by 10% instead.


 59, 46.552,
107.041


 59, 46.552,
107.041


 100, 46.552,
107.041


 49, 46.552,
107.041


 79, 46.552,
107.041

 39, 46.552,
107.041

 89, 46.552,
107.041

 29, 46.552,
107.041

 99, 46.552,
107.041

 19, 46.552,
107.041

 9, 46.552, 107.041

 0, 46.552, 107.041

■ 59, 46.552,
107.041

■ 59, 46.552,
107.041

■ 59, 52.890,
106.420

■ 59, 39.441,
107.781

■ 59, 58.103,
105.960

■ 59, 31.829,
108.593

■ 59, 61.828,
105.710

■ 60, 23.905,
109.448

■ 58, 64.191,
105.649

■ 60, 15.795,
110.321

■ 58, 64.378,
105.644

■ 61, 7.582, 111.193

■ 61, 0.679, 292.114

■ 61, 8.952, 292.903

■ 62, 17.212,
293.712

■ 63, 25.441,
294.487

Harmonies

Complementary

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



59, 46.552, 107.041



30, 55.033, 300.073

Rectangle

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



59, 46.552, 107.041



59, 46.552, 157.041



59, 46.552, 287.041



59, 46.552, 337.041

Sweetspot

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



59, 46.553, 107.043



76, 18.369, 110.392



38, 40.223, 28.769



40, 12.852, 110.157



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, 46.553, 107.043



75, 66.476, 106.249



56, 50.952, 127.656



31, 4.685, 111.191



55, 61.388, 105.628



3, 4.116, 111.988

Inverse Universe

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



30, 55.033, 300.073



33, 83.037, 302.613



35, 55.118, 312.971



28, 4.785, 292.841



15, 84.362, 306.480



0, 4.117, 291.989

Previews

White Background



This preview shows how the CIELCh color 59, 46.552, 107.041 looks on a white background.

Color Contrast Check

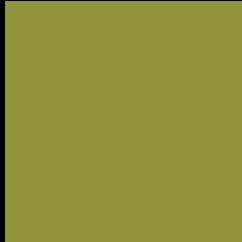
Large Text (above 18pt) WCAG AA ✓ Pass

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, 46.552, 107.041 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, 46.552, 107.041

Background



This preview shows how black text looks on a background with the CIELCh color 59, 46.552, 107.041.



This preview shows how white text looks on a background with the CIELCh color 59, 46.552, 107.041.

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, 46.552, 107.041

Protanopia

59, 45.459, 95.564

Deuteranopia

59, 44.499, 79.997



Tritanopia
59, 8.295, 331.567

Trichromacy



Original Color
59, 46.552, 107.041

Protanomaly
59, 45.873, 99.682

Deuteranomaly
59, 43.746, 89.839

Tritanomaly
59, 13.938, 94.710

Monochromacy



Original Color
59, 46.552, 107.041

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 18.045, 109.376

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 46.552, 107.041 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(143, 147, 60)` looks like.

```
.text, #text, p{  
    color:rgb(143, 147, 60)  
}
```

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(143, 147, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 147, 60) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 46.552, 107.041 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(143, 147, 60) }
```

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

```
.border{ border-color:rgb(143, 147, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 147, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 147, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 147, 60);  
box-shadow:4px 4px 4px 4px rgb(143, 147,  
60) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 46.552, 107.041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 147, 60) }
```

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

```
.background{ background-color: rgb(143,  
147, 60) }
```

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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