

Converting Colors

CIELCh(59, 30.823, 107.833)

Have a look what the booklet for
CIELCh(59, 30.823, 107.833)
contains.

CIELCh(59, 30.487, 107.450)	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, 30.487, 107.450)

Conversions

Conversions Part 1

Format	Color
Hex	90915A
RGB	144, 145, 90
RGB Percent	56%, 57%, 35%
CMY	0.4342, 0.4303, 0.6461
CMYK	0.01, 0.00, 0.38, 0.43
HSL	61°, 23%, 46%
HSV	61°, 38%, 57%
XYZ	23.5707, 27.0277, 13.7030
YIQ	138.4310, 17.0590, -17.3170

Conversions

Conversions Part 2

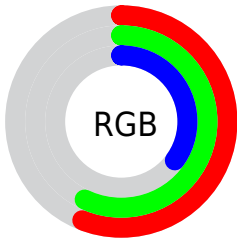
Format	Color
RYB	90, 145, 91
Decimal	9474394
CIELab	59.00, -9.14, 29.08
CIELCh	59, 30.487, 107.450
Yxy	27.0277, 0.3666, 0.4203
Android (android.graphics.Color)	4287664474 (0xFF90915A)
YUV	138.4310, -23.8765, 4.8840
Hunter-Lab	51.9882, -10.0502, 20.7641

Details

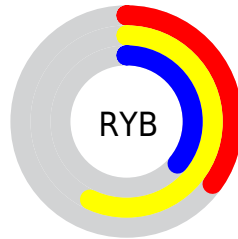
The CIELCh color **59, 30.487, 107.450** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **41, 33.470, 295.540**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **79, 30.519, 107.374**, and **39, 30.524, 108.094** is the 20% darker color. If you saturate the color by 10%, you get **59, 38.075, 106.593**, and if you desaturate by 10%, it is **59, 22.613, 108.351**.

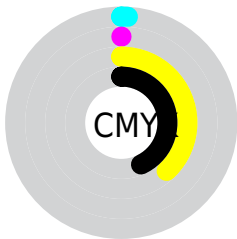
Distribution



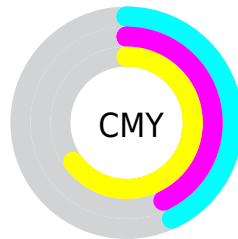
- Red (56%)
- Green (57%)
- Blue (35%)



- Red (35%)
- Yellow (57%)
- Blue (36%)



- Cyan (1%)
- Magenta (0%)
- Yellow (38%)
- Black (43%)





- Cyan (43%)
- Magenta (43%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 30.487, 107.450 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, 30.487, 107.450 by changing the saturation by 10% instead.


 59, 30.487,
107.450


 59, 30.487,
107.450


 100, 30.487,
107.450

 49, 30.487,
107.450


 79, 30.487,
107.450

 39, 30.487,
107.450

 89, 30.487,
107.450

 29, 30.487,
107.450

 99, 30.487,
107.450

 19, 30.487,
107.450

 9, 30.487, 107.450

 0, 30.487, 107.450

■ 59, 30.487,
107.450

■ 59, 30.487,
107.450

■ 59, 38.075,
106.593

■ 59, 22.613,
108.351

■ 59, 45.195,
105.798

■ 60, 14.568,
109.265

■ 58, 51.589,
105.104

■ 60, 6.431, 110.175

■ 58, 56.918,
104.552

■ 60, 1.749, 291.109

■ 61, 9.937, 291.966

■ 58, 60.817,
104.182

■ 61, 18.110,
292.813

■ 58, 63.258,
103.993

■ 62, 26.252,
293.626

■ 58, 63.743,
103.956

■ 62, 34.350,
294.401

■ 63, 42.393,
295.137

Harmonies

Complementary

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



59, 30.487, 107.450



41, 33.470, 295.540

Rectangle

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



59, 30.487, 107.450



59, 30.487, 157.450



59, 30.487, 287.450



59, 30.487, 337.450

Sweetspot

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



59, 30.488, 107.453



76, 11.117, 109.872



45, 24.196, 23.988



40, 7.444, 109.764



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, 30.488, 107.453



75, 44.424, 106.756



57, 32.954, 127.935



30, 4.547, 110.059



54, 60.482, 103.949



2, 3.085, 110.891

Inverse Universe

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



41, 33.470, 295.540



48, 50.051, 296.913



43, 34.659, 311.439



27, 4.643, 291.783



14, 83.382, 306.365



0, 3.086, 290.893

Previews

White Background



This preview shows how the CIELCh color 59, 30.487, 107.450 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, 30.487, 107.450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

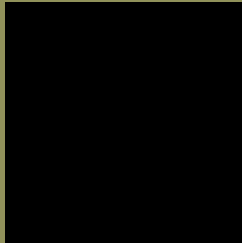
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 30.487, 107.450

Background



This preview shows how black text looks on a background with the CIELCh color 59, 30.487, 107.450.



This preview shows how white text looks on a background with the CIELCh color 59, 30.487, 107.450.

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, 30.487, 107.450

Protanopia

59, 30.107, 95.672

Deuteranopia

59, 29.606, 75.321



Tritanopia
59, 8.046, 329.440

Trichromacy



Original Color
59, 30.487, 107.450

Protanomaly
59, 30.234, 99.949

Deuteranomaly
59, 28.738, 87.080

Tritanomaly
59, 8.020, 85.357

Monochromacy



Original Color
59, 30.487, 107.450

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 11.293, 108.850

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 30.487, 107.450 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(144, 145, 90)` looks like.

```
.text, #text, p{  
    color:rgb(144, 145, 90)  
}
```

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(144, 145, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 145, 90) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 30.487, 107.450 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(144, 145, 90) }
```

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

```
.border{ border-color:rgb(144, 145, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 145, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 145, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 145, 90);  
box-shadow:4px 4px 4px 4px rgb(144, 145,  
90) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 30.487, 107.450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 145, 90) }
```

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

```
.background{ background-color: rgb(144,  
145, 90) }
```

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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