

Converting Colors

CIELCh(59, 64.513, 106.699)

Have a look what the booklet for
CIELCh(59, 64.513, 106.699)
contains.

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Color

CIELCh(59, 64.484, 106.607)

Conversions

Conversions Part 1

Format	Color
Hex	8C9504
RGB	140, 149, 4
RGB Percent	55%, 58%, 2%
CMY	0.4515, 0.4162, 0.9853
CMYK	0.06, 0.00, 0.97, 0.42
HSL	64°, 95%, 30%
HSV	64°, 97%, 58%
XYZ	21.5412, 27.0277, 4.1888
YIQ	129.7790, 41.1810, -47.0030

Conversions

Conversions Part 2

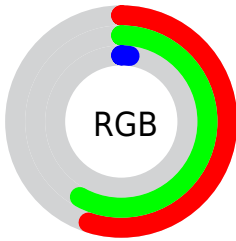
Format	Color
R_{YB}	4, 149, 13
Decimal	9213188
CIE Lab	59.00, -18.43, 61.79
CIE LCh	59, 64.484, 106.607
Yxy	27.0277, 0.4083, 0.5123
Android (android.graphics.Color)	4287403268 (0xFF8C9504)
YUV	129.7790, -62.0090, 8.9638
Hunter-Lab	51.9882, -17.0183, 31.6146

Details

The CIELCh color **59, 64.484, 106.607** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **17, 87.855, 306.241**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **79, 64.421, 106.633**, and **39, 48.531, 109.867** is the 20% darker color. If you saturate the color by 10%, you get **59, 65.060, 106.613**, and if you desaturate by 10%, it is **59, 61.975, 106.620**.

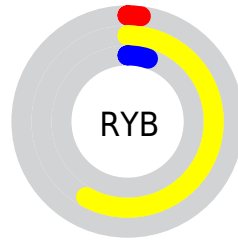
Distribution



Red (55%)

Green (58%)

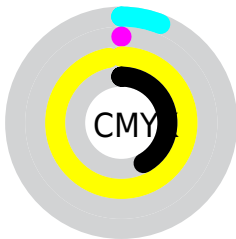
Blue (2%)



Red (2%)

Yellow (58%)

Blue (5%)

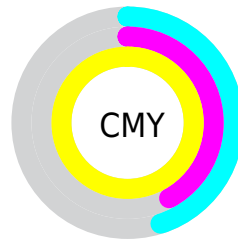


Cyan (6%)

Magenta (0%)

Yellow (97%)

Black (42%)



Cyan (45%)


Magenta (42%)


Yellow (99%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 64.484, 106.607 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, 64.484, 106.607 by changing the saturation by 10% instead.


 59, 64.484,
106.607


 59, 64.484,
106.607


 100, 64.484,
106.607

 49, 64.484,
106.607


 79, 64.484,
106.607

 39, 64.484,
106.607

 89, 64.484,
106.607

 29, 64.484,
106.607

 99, 64.484,
106.607

 19, 64.484,
106.607

 9, 64.484, 106.607

 0, 64.484, 106.607

■ 59, 64.484,
106.607

■ 59, 64.484,
106.607

■ 59, 65.060,
106.613

■ 59, 61.975,
106.620

■ 59, 57.935,
106.858

■ 59, 52.446,
107.311

■ 60, 45.884,
107.926

■ 60, 38.592,
108.654

■ 60, 30.831,
109.452

■ 60, 22.780,
110.289

■ 61, 14.558,

111.141

■ 61, 6.243, 111.989

Harmonies

Complementary

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



59, 64.484, 106.607



17, 87.855, 306.241

Rectangle

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



59, 64.484, 106.607



59, 64.484, 156.607



59, 64.484, 286.607



59, 64.484, 336.607

Sweetspot

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



59, 64.484, 106.609



77, 29.764, 110.111



31, 67.463, 39.536



40, 20.307, 109.786



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, 64.484, 106.609



75, 79.062, 106.688



55, 73.129, 129.156



31, 4.688, 111.845



55, 61.460, 106.587



3, 4.119, 112.620

Inverse Universe

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



17, 87.855, 306.241



24, 108.541, 306.461



24, 81.442, 313.375



29, 4.787, 293.447



15, 84.270, 306.548



0, 4.120, 292.621

Previews

White Background



This preview shows how the CIELCh color 59, 64.484, 106.607 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 CIE LCh color 59, 64.484, 106.607 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

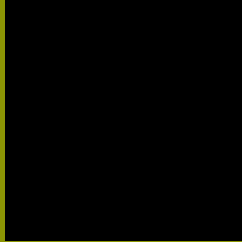
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 64.484, 106.607

Background



This preview shows how black text looks on a background with the CIELCh color 59, 64.484, 106.607.



This preview shows how white text looks on a background with the CIELCh color 59, 64.484, 106.607.

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, 64.484, 106.607

Protanopia

59, 63.289, 95.139

Deuteranopia

59, 59.888, 82.998



Tritanopia
59, 7.809, 327.188

Trichromacy



Original Color
59, 64.484, 106.607

Protanomaly
59, 63.587, 99.490

Deuteranomaly
59, 60.419, 91.902

Tritanomaly
58, 25.774, 103.279

Monochromacy



Original Color
59, 64.484, 106.607

Achromatopsia
54, 0.007, 296.813

Achromatomaly
56, 29.696, 109.131

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 64.484, 106.607 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(140, 149, 4)` looks like.

```
.text, #text, p{  
    color:rgb(140, 149, 4)  
}
```

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(140, 149, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 149, 4) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 64.484, 106.607 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(140, 149, 4) }
```

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

```
.border{ border-color:rgb(140, 149, 4) }
```

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

Here you see how a box with a 4 pixel rgb(140, 149, 4) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 149, 4); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 149, 4);  
box-shadow:4px 4px 4px 4px rgb(140, 149,  
4) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 64.484, 106.607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 149, 4) }
```

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

```
.background{ background-color: rgb(140,  
149, 4) }
```

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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