

Converting Colors

CIELCh(59, 20.702, 108.950)

Have a look what the booklet for
CIELCh(59, 20.702, 108.950)
contains.

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Color

CIELCh(59, 20.726, 108.935)

Conversions

Conversions Part 1

Format	Color
Hex	8F906B
RGB	143, 144, 107
RGB Percent	56%, 56%, 42%
CMY	0.4375, 0.4336, 0.5788
CMYK	0.01, 0.00, 0.26, 0.43
HSL	62°, 15%, 49%
HSV	62°, 26%, 57%
XYZ	24.1189, 27.0277, 17.9705
YIQ	139.4830, 11.2810, -11.7190

Conversions

Conversions Part 2

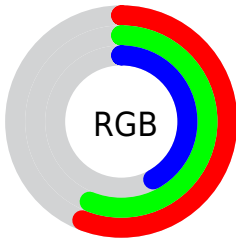
Format	Color
R_{YB}	107, 144, 108
Decimal	9408619
CIE Lab	59.00, -6.73, 19.60
CIE LCh	59, 20.726, 108.935
Yxy	27.0277, 0.3490, 0.3910
Android (android.graphics.Color)	4287598699 (0xFF8F906B)
YUV	139.4830, -16.0141, 3.0844
Hunter-Lab	51.9882, -8.1680, 15.8973

Details

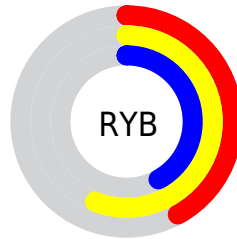
The CIELCh color **59, 20.726, 108.935** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **47, 21.984, 294.031**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **79, 20.652, 109.372**, and **39, 21.028, 109.400** is the 20% darker color. If you saturate the color by 10%, you get **59, 28.613, 108.049**, and if you desaturate by 10%, it is **59, 12.693, 109.840**.

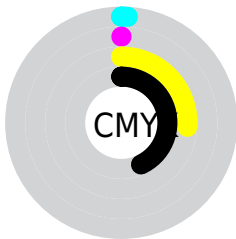
Distribution



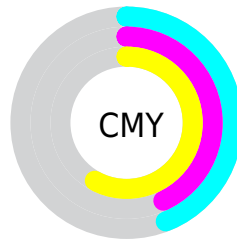
- Red (56%)
- Green (56%)
- Blue (42%)



- Red (42%)
- Yellow (56%)
- Blue (42%)



- Cyan (1%)
- Magenta (0%)
- Yellow (26%)
- Black (43%)





- Cyan (44%)
- Magenta (43%)
- Yellow (58%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 20.726, 108.935 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, 20.726, 108.935 by changing the saturation by 10% instead.


 59, 20.726,
108.935


 59, 20.726,
108.935


 100, 20.726,
108.935


 49, 20.726,
108.935


 79, 20.726,
108.935

 39, 20.726,
108.935

 89, 20.726,
108.935

 29, 20.726,
108.935

 99, 20.726,
108.935

 19, 20.726,
108.935

 9, 20.726, 108.935

 0, 20.726, 108.935

■ 59, 20.726,
108.935

■ 59, 20.726,
108.935

■ 59, 28.613,
108.049

■ 59, 12.693,
109.840

■ 58, 36.243,
107.192

■ 60, 4.579, 110.733

■ 60, 3.569, 291.636

■ 58, 43.455,
106.394

■ 61, 11.718,
292.486

■ 58, 50.012,
105.690

■ 61, 19.849,
293.311

■ 58, 55.593,
105.122

■ 62, 27.944,
294.102

■ 58, 59.831,
104.734

■ 62, 35.993,
294.855

■ 58, 62.504,
104.550

■ 63, 43.986,
295.567

■ 58, 63.497,

104.492

■ 64, 51.914,
296.239

Harmonies

Complementary

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



59, 20.726, 108.935



47, 21.984, 294.031

Rectangle

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



59, 20.726, 108.935



59, 20.726, 158.935



59, 20.726, 288.935



59, 20.726, 338.935

Sweetspot

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



59, 20.727, 108.939



76, 8.090, 110.508



49, 15.586, 22.587



40, 5.730, 110.385



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, 20.727, 108.939



75, 31.057, 108.400



58, 22.304, 128.513



30, 4.548, 110.420



54, 60.501, 104.482



2, 3.086, 111.240

Inverse Universe

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



47, 21.984, 294.031



57, 33.478, 294.864



48, 23.052, 310.814



27, 4.644, 292.117



14, 83.330, 306.403



0, 3.086, 291.241

Previews

White Background



This preview shows how the CIE LCh color 59, 20.726, 108.935 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, 20.726, 108.935 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

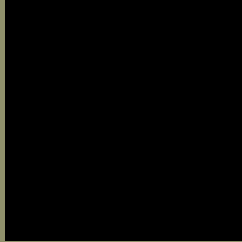
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

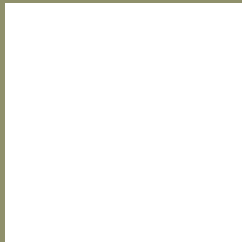
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 59, 20.726, 108.935

Background



This preview shows how black text looks on a background with the CIELCh color 59, 20.726, 108.935.



This preview shows how white text looks on a background with the CIELCh color 59, 20.726, 108.935.

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](#).

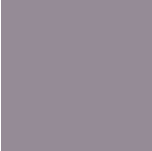
Dichromacy



Original Color
59, 20.726, 108.935

Protanopia
59, 20.671, 95.836

Deuteranopia
59, 20.500, 67.557



Tritanopia
59, 7.366, 322.293

Trichromacy



Original Color
59, 20.726, 108.935

Protanomaly
59, 20.349, 100.596

Deuteranomaly
59, 19.364, 83.156

Tritanomaly
59, 4.134, 74.385

Monochromacy



Original Color
59, 20.726, 108.935

Achromatopsia
58, 0.007, 296.813

Achromatomaly
59, 7.916, 112.172

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 20.726, 108.935 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, 144, 107)` looks like.

```
.text, #text, p{  
    color:rgb(143, 144, 107)  
}
```

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, 144, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 144, 107) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 20.726, 108.935 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, 144, 107) }
```

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

```
.border{ border-color:rgb(143, 144, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 144, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 144, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 144, 107);  
box-shadow:4px 4px 4px 4px rgb(143, 144,  
107) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 20.726, 108.935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 144, 107) }
```

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

```
.background{ background-color: rgb(143,  
144, 107) }
```

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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