

Converting Colors

CIELCh(59, 20.037, 107.862)

Have a look what the booklet for
CIELCh(59, 20.037, 107.862)
contains.

CIELCh(59, 20.167, 107.830)	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, 20.167, 107.830)

Conversions

Conversions Part 1

Format	Color
Hex	90906C
RGB	144, 144, 108
RGB Percent	56%, 56%, 42%
CMY	0.4346, 0.4346, 0.5758
CMYK	0.00, 0.00, 0.25, 0.43
HSL	60°, 14%, 49%
HSV	60°, 25%, 57%
XYZ	24.2449, 27.0277, 18.1708
YIQ	139.8960, 11.5560, -11.1960

Conversions

Conversions Part 2

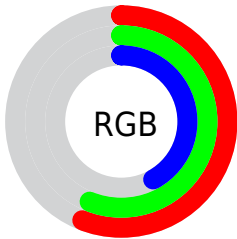
Format	Color
R_{YB}	108, 144, 108
Decimal	9474156
CIE _{Lab}	59.00, -6.18, 19.20
CIE _{LCh}	59, 20.167, 107.830
Yxy	27.0277, 0.3491, 0.3892
Android (android.graphics.Color)	4287664236 (0xFF90906C)
YUV	139.8960, -15.7247, 3.5992
Hunter-Lab	51.9882, -7.7352, 15.6689

Details

The CIELCh color $59, 20.167, 107.830$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $47, 21.354, 293.021$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $79, 20.119, 108.332$, and $39, 20.428, 108.253$ is the 20% darker color. If you saturate the color by 10%, you get $59, 28.053, 106.903$, and if you desaturate by 10%, it is $59, 12.141, 108.775$.

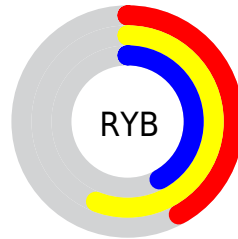
Distribution



Red (56%)

Green (56%)

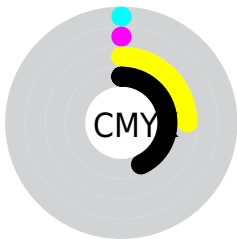
Blue (42%)



Red (42%)

Yellow (56%)

Blue (42%)

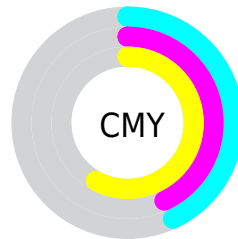


Cyan (0%)

Magenta (0%)

Yellow (25%)

Black (43%)



Cyan (43%)


Magenta (43%)


Yellow (58%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 20.167, 107.830 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, 20.167, 107.830 by changing the saturation by 10% instead.


 59, 20.167,
107.830


 59, 20.167,
107.830


 100, 20.167,
107.830


 49, 20.167,
107.830


 79, 20.167,
107.830

 39, 20.167,
107.830

 89, 20.167,
107.830

 29, 20.167,
107.830

 99, 20.167,
107.830

 19, 20.167,
107.830

 9, 20.167, 107.830

 0, 20.167, 107.830

■ 59, 20.167,
107.830

■ 59, 20.167,
107.830

■ 59, 28.053,
106.903

■ 59, 12.141,
108.775

■ 59, 35.693,
106.003

■ 60, 4.039, 109.706

■ 60, 4.094, 290.654

■ 58, 42.927,
105.157

■ 61, 12.227,
291.544

■ 58, 49.525,
104.397

■ 61, 20.341,
292.410

■ 58, 55.168,
103.758

■ 62, 28.420,
293.241

■ 58, 59.492,
103.278

■ 62, 36.453,
294.033

■ 58, 62.237,
102.978

■ 63, 44.432,
294.784

■ 58, 63.371,

102.855

■ 63, 52.348,
295.494

Harmonies

Complementary

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



59, 20.167, 107.830



47, 21.354, 293.021

Rectangle

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



59, 20.167, 107.830



59, 20.167, 157.830



59, 20.167, 287.830



59, 20.167, 337.830

Sweetspot

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



59, 20.168, 107.834



75, 6.998, 109.507



49, 15.369, 21.258



40, 4.583, 109.461



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, 20.168, 107.834



74, 29.738, 107.307



58, 21.614, 127.954



30, 4.546, 109.319



55, 60.463, 102.855



2, 3.084, 110.178

Inverse Universe

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



47, 21.354, 293.021



56, 31.963, 293.833



49, 22.348, 310.223



27, 4.642, 291.099



14, 83.489, 306.287



0, 3.085, 290.180

Previews

White Background



This preview shows how the CIELCh color 59, 20.167, 107.830 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, 20.167, 107.830 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

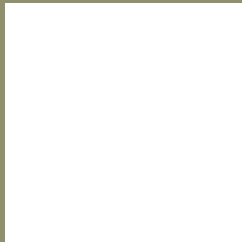
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 59, 20.167, 107.830

Background



This preview shows how black text looks on a background with the CIELCh color 59, 20.167, 107.830.



This preview shows how white text looks on a background with the CIELCh color 59, 20.167, 107.830.

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

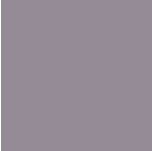
59, 20.167, 107.830

Protanopia

59, 20.126, 95.598

Deuteranopia

59, 19.754, 67.543



Tritanopia
59, 7.366, 322.293

Trichromacy



Original Color
59, 20.167, 107.830

Protanomaly
59, 20.349, 100.596

Deuteranomaly
59, 18.849, 82.550

Tritanomaly
59, 4.134, 74.385

Monochromacy



Original Color
59, 20.167, 107.830

Achromatopsia
58, 0.007, 296.813

Achromatomaly
59, 7.901, 109.254

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 20.167, 107.830 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, 144, 108)` looks like.

```
.text, #text, p{  
    color:rgb(144, 144, 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(144, 144, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 144, 108) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 20.167, 107.830 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, 144, 108) }
```

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

```
.border{ border-color:rgb(144, 144, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 144, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 144, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 144, 108);  
box-shadow:4px 4px 4px 4px rgb(144, 144,  
108) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 20.167, 107.830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 144, 108) }
```

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

```
.background{ background-color: rgb(144,  
144, 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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