

Converting Colors

CIELCh(59, 19.069, 105.457)

Have a look what the booklet for
CIELCh(59, 19.069, 105.457)
contains.

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Color

CIELCh(59, 19.074, 105.424)

Conversions

Conversions Part 1

Format	Color
Hex	92906E
RGB	146, 144, 110
RGB Percent	57%, 56%, 43%
CMY	0.4289, 0.4367, 0.5700
CMYK	0.00, 0.01, 0.25, 0.43
HSL	57°, 14%, 50%
HSV	57°, 25%, 57%
XYZ	24.4986, 27.0277, 18.5754
YIQ	140.7220, 12.1060, -10.1500

Conversions

Conversions Part 2

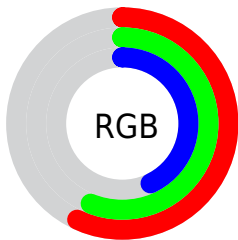
Format	Color
R_{YB}	112, 146, 110
Decimal	9605230
CIE _{Lab}	59.00, -5.07, 18.39
CIE _{LCh}	59, 19.074, 105.424
Yxy	27.0277, 0.3495, 0.3856
Android (android.graphics.Color)	4287795310 (0xFF92906E)
YUV	140.7220, -15.1459, 4.6288
Hunter-Lab	51.9882, -6.8642, 15.2074

Details

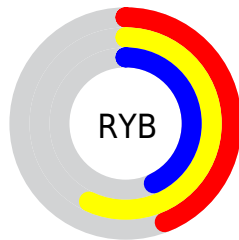
The CIELCh color `59, 19.074, 105.424` is a dark color, and the websafe version is hex `999966`. A complement of this color would be `48, 20.052, 290.780`, and the grayscale version is `58, 0.007, 296.813`.

A 20% lighter version of the original color is `79, 19.079, 106.076`, and `39, 19.256, 105.741` is the 20% darker color. If you saturate the color by 10%, you get `59, 26.667, 104.433`, and if you desaturate by 10%, it is `60, 11.380, 106.423`.

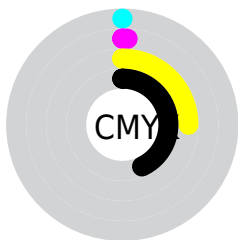
Distribution



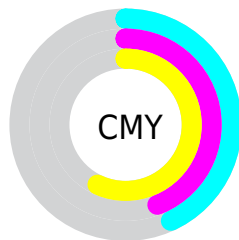
- Red (57%)
- Green (56%)
- Blue (43%)



- Red (44%)
- Yellow (57%)
- Blue (43%)



- Cyan (0%)
- Magenta (1%)
- Yellow (25%)
- Black (43%)




- Cyan (43%)
- Magenta (44%)
- Yellow (57%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 19.074, 105.424 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, 19.074, 105.424 by changing the saturation by 10% instead.

 59, 19.074,
105.424

 59, 19.074,
105.424

 100, 19.074,
105.424


 49, 19.074,
105.424


 79, 19.074,
105.424

 39, 19.074,
105.424

 89, 19.074,
105.424

 29, 19.074,
105.424

 99, 19.074,
105.424

 19, 19.074,
105.424

 9, 19.074, 105.424

 0, 19.074, 105.424

■ 59, 19.074,
105.424

■ 59, 19.074,
105.424

■ 59, 26.667,
104.433

■ 60, 11.380,
106.423

■ 58, 34.061,
103.452

■ 60, 3.640, 107.394

■ 61, 4.107, 288.392

■ 58, 41.111,
102.507

■ 61, 11.838,
289.314

■ 57, 47.593,
101.620

■ 62, 19.537,
290.209

■ 57, 53.188,
100.818

■ 63, 27.193,
291.068

■ 57, 57.502,
100.128

■ 64, 34.799,
291.885

■ 56, 60.209, 99.562

■ 64, 42.348,
292.661

■ 65, 49.837,
293.395

Harmonies

Complementary

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



59, 19.074, 105.424



48, 20.052, 290.780

Rectangle

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



59, 19.074, 105.424



59, 19.074, 155.424



59, 19.074, 285.424



59, 19.074, 335.424

Sweetspot

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



59, 19.075, 105.429



76, 6.691, 107.163



50, 15.245, 16.049



40, 4.334, 107.115



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, 19.075, 105.429



74, 28.542, 104.840



58, 21.219, 125.541



31, 4.428, 106.962



53, 58.922, 99.306



2, 3.886, 107.867

Inverse Universe

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



48, 20.052, 290.780



58, 30.427, 291.659



49, 22.042, 307.956



29, 4.512, 288.833



15, 81.791, 305.344



0, 3.887, 287.869

Previews

White Background



This preview shows how the CIELCh color 59, 19.074, 105.424 looks on a white background.

Color Contrast Check

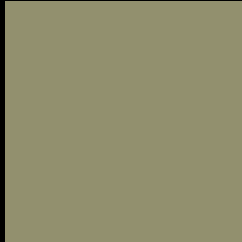
Large Text (above 18pt) WCAG AA ✓ Pass

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, 19.074, 105.424 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

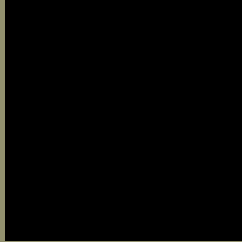
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 19.074, 105.424

Background



This preview shows how black text looks on a background with the CIELCh color 59, 19.074, 105.424.



This preview shows how white text looks on a background with the CIELCh color 59, 19.074, 105.424.

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, 19.074, 105.424

Protanopia

59, 19.036, 95.068

Deuteranopia

59, 19.310, 66.570



Tritanopia
59, 8.046, 329.440

Trichromacy



Original Color
59, 19.074, 105.424

Protanomaly
59, 19.309, 99.086

Deuteranomaly
59, 18.035, 80.006

Tritanomaly
59, 4.564, 57.764

Monochromacy



Original Color
59, 19.074, 105.424

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 6.790, 105.980

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 19.074, 105.424 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(146, 144, 110)` looks like.

```
.text, #text, p{  
    color:rgb(146, 144, 110)  
}
```

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(146, 144, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 144, 110) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 19.074, 105.424 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(146, 144, 110) }
```

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

```
.border{ border-color:rgb(146, 144, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 144, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 144, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 144, 110);  
box-shadow:4px 4px 4px 4px rgb(146, 144,  
110) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 19.074, 105.424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 144, 110) }
```

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

```
.background{ background-color: rgb(146,  
144, 110) }
```

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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