

Converting Colors

CIELCh(59, 13.997, 303.888)

Have a look what the booklet for
CIELCh(59, 13.997, 303.888)
contains.

CIELCh(59, 13.997, 303.888)	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, 13.997, 303.888)

Conversions

Conversions Part 1

Format	Color
Hex	928AA2
RGB	146, 138, 162
RGB Percent	57%, 54%, 64%
CMY	0.4262, 0.4576, 0.3634
CMYK	0.10, 0.15, 0.00, 0.36
HSL	260°, 11%, 59%
HSV	260°, 15%, 64%
XYZ	27.5948, 27.0277, 38.0958
YIQ	143.1280, -2.9360, 9.1600

Conversions

Conversions Part 2

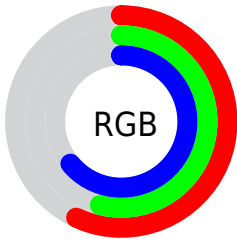
Format	Color
R_{YB}	146, 138, 162
Decimal	9603746
CIE Lab	59.00, 7.80, -11.62
CIE LCh	59, 13.997, 303.888
Yxy	27.0277, 0.2976, 0.2915
Android (android.graphics.Color)	4287793826 (0xFF928AA2)
YUV	143.1280, 9.3039, 2.5187
Hunter-Lab	51.9882, 3.7667, -7.0547

Details

The CIELCh color $59, 13.997, 303.888$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $66, 13.627, 122.262$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 14.326, 304.189$, and $39, 13.838, 303.640$ is the 20% darker color. If you saturate the color by 10%, you get $54, 23.852, 304.547$, and if you desaturate by 10%, it is $64, 4.460, 303.292$.

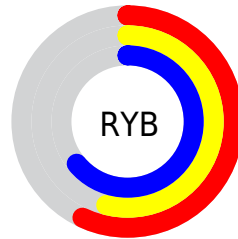
Distribution



Red (57%)

Green (54%)

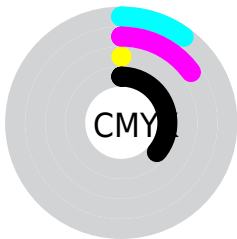
Blue (64%)



Red (57%)

Yellow (54%)

Blue (64%)

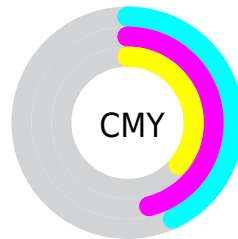


Cyan (10%)

Magenta (15%)

Yellow (0%)

Black (36%)



Cyan (43%)


Magenta (46%)


Yellow (36%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 13.997, 303.888 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, 13.997, 303.888 by changing the saturation by 10% instead.


 59, 13.997,
303.888


 59, 13.997,
303.888


 100, 13.997,
303.888


 49, 13.997,
303.888


 79, 13.997,
303.888

 39, 13.997,
303.888

 89, 13.997,
303.888

 29, 13.997,
303.888

 99, 13.997,
303.888

 19, 13.997,
303.888

 9, 13.997, 303.888

 0, 13.997, 303.888

59, 13.997,
303.888

59, 13.997,
303.888

54, 23.852,
304.547

64, 4.460, 303.292

49, 34.009,
305.279

69, 4.753, 122.799

43, 44.406,
306.071

75, 13.655,
122.342

38, 54.908,
306.895

80, 22.259,
121.949

34, 65.247,
307.700

85, 30.581,
121.610

29, 74.947,
308.393

90, 38.639,
121.318


26, 83.264,
308.840


95, 46.448,
121.067

23, 89.299,

97, 47.108,
117.125

308.883

 97, 46.476,
112.085

 22, 91.971,
308.880

Harmonies

Complementary

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



59, 13.997, 303.888



66, 13.627, 122.262

Rectangle

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



59, 13.997, 303.888



59, 13.997, 353.888



59, 13.997, 123.888



59, 13.997, 173.888

Sweetspot

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



59, 13.995, 303.886



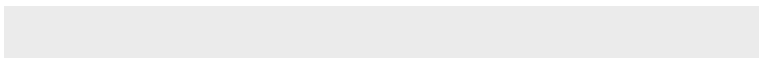
82, 4.619, 303.251



63, 7.268, 234.951



43, 3.312, 303.293



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



59, 13.995, 303.886



73, 21.267, 304.113



60, 15.509, 319.947



32, 5.328, 303.551



19, 84.722, 308.972



1, 8.138, 301.873

Inverse Universe

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



60, 12.963, 336.683



75, 19.623, 336.952



65, 15.406, 138.613



32, 4.959, 336.269



32, 59.719, 346.929



1, 7.348, 338.209

Previews

White Background



This preview shows how the CIELCh color 59, 13.997, 303.888 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, 13.997, 303.888 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

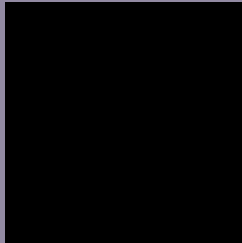
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 13.997, 303.888

Background



This preview shows how black text looks on a background with the CIELCh color 59, 13.997, 303.888.



This preview shows how white text looks on a background with the CIELCh color 59, 13.997, 303.888.

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, 13.997, 303.888

Protanopia

59, 13.062, 286.886

Deuteranopia

59, 13.997, 303.888



Tritanopia
59, 6.553, 307.782

Trichromacy



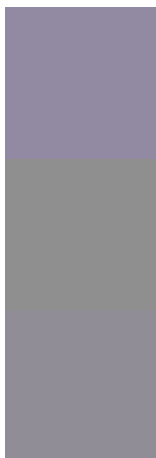
Original Color
59, 13.997, 303.888

Protanomaly
59, 13.063, 293.261

Deuteranomaly
59, 13.997, 303.888

Tritanomaly
59, 9.397, 305.113

Monochromacy



Original Color
59, 13.997, 303.888

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 5.248, 303.359

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 13.997, 303.888 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, 138, 162)` looks like.

```
.text, #text, p{  
    color:rgb(146, 138, 162)  
}
```

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, 138, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 138, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 13.997, 303.888 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, 138, 162) }
```

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

```
.border{ border-color:rgb(146, 138, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 138, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 138, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 138, 162);  
box-shadow:4px 4px 4px 4px rgb(146, 138,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 13.997, 303.888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 138, 162) }
```

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

```
.background{ background-color: rgb(146,  
138, 162) }
```

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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