

Converting Colors

CIELCh(59, 21.060, 309.451)

Have a look what the booklet for
CIELCh(59, 21.060, 309.451)
contains.

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Color

CIELCh(59, 21.448, 309.097)

Conversions

Conversions Part 1

Format	Color
Hex	9887AB
RGB	152, 135, 171
RGB Percent	60%, 53%, 67%
CMY	0.4031, 0.4698, 0.3286
CMYK	0.11, 0.21, 0.00, 0.33
HSL	268°, 18%, 60%
HSV	268°, 21%, 67%
XYZ	29.0503, 27.0277, 42.3188
YIQ	144.1870, -1.4240, 14.8000

Conversions

Conversions Part 2

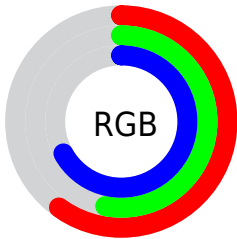
Format	Color
RYB	152, 135, 171
Decimal	9996203
CIELab	59.00, 13.53, -16.65
CIELCh	59, 21.448, 309.097
Yxy	27.0277, 0.2952, 0.2747
Android (android.graphics.Color)	4288186283 (0xFF9887AB)
YUV	144.1870, 13.2188, 6.8520
Hunter-Lab	51.9882, 8.7641, -11.8707

Details

The CIELCh color $59, 21.448, 309.097$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $68, 20.811, 127.131$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 21.484, 309.844$, and $39, 21.823, 309.398$ is the 20% darker color. If you saturate the color by 10%, you get $54, 32.057, 309.640$, and if you desaturate by 10%, it is $64, 11.091, 308.588$.

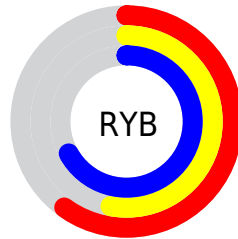
Distribution



Red (60%)

Green (53%)

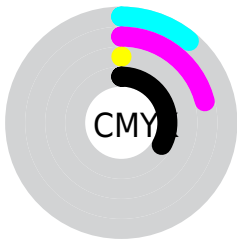
Blue (67%)



Red (60%)

Yellow (53%)

Blue (67%)

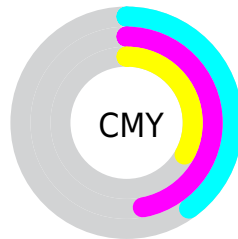


Cyan (11%)

Magenta (21%)

Yellow (0%)

Black (33%)



Cyan (40%)


Magenta (47%)


Yellow (33%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 21.448, 309.097 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, 21.448, 309.097 by changing the saturation by 10% instead.


 59, 21.448,
309.097


 59, 21.448,
309.097


 100, 21.448,
309.097


 49, 21.448,
309.097


 79, 21.448,
309.097

 39, 21.448,
309.097

 89, 21.448,
309.097

 29, 21.448,
309.097

 99, 21.448,
309.097

 19, 21.448,
309.097

 9, 21.448, 309.097

 0, 21.448, 309.097

59, 21.448,
309.097

59, 21.448,
309.097

54, 32.057,
309.640

64, 11.091,
308.588

49, 42.840,
310.208

70, 1.028, 308.043

75, 8.728, 127.737

44, 53.639,
310.772

80, 18.179,
127.366

39, 64.183,
311.289

85, 27.332,
127.042

35, 74.031,
311.688

90, 36.201,
126.760

31, 82.549,
311.870


96, 44.770,
126.504

28, 88.982,
311.719

96, 43.680,
122.428

26, 93.072,

311.347

 97, 42.830,
118.081

Harmonies

Complementary

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



59, 21.448, 309.097



68, 20.811, 127.131

Rectangle

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



59, 21.448, 309.097



59, 21.448, 359.097



59, 21.448, 129.097



59, 21.448, 179.097

Sweetspot

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



59, 21.446, 309.096



85, 7.397, 308.349



63, 11.439, 254.642



45, 4.950, 308.379



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



59, 21.446, 309.096



72, 31.663, 309.332



61, 24.098, 324.630



34, 5.737, 308.504



22, 84.531, 311.465



1, 11.779, 304.981

Inverse Universe

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



60, 17.589, 343.947



74, 25.886, 344.374



67, 24.052, 142.280



34, 4.731, 342.885



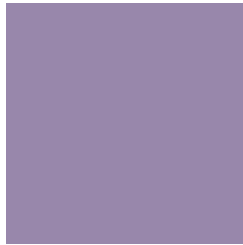
32, 57.603, 358.692



2, 9.288, 347.308

Previews

White Background



This preview shows how the CIE LCh color 59, 21.448, 309.097 looks on a white background.

Color Contrast Check

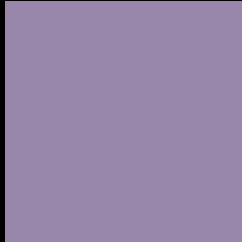
Large Text (above 18pt) WCAG AA ✓ Pass

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, 21.448, 309.097 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

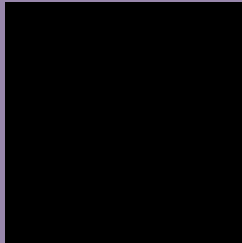
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 21.448, 309.097

Background



This preview shows how black text looks on a background with the CIELCh color 59, 21.448, 309.097.



This preview shows how white text looks on a background with the CIELCh color 59, 21.448, 309.097.

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

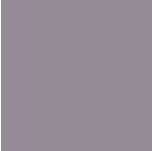
59, 21.448, 309.097

Protanopia

59, 19.356, 285.131

Deuteranopia

59, 17.650, 295.645



Tritanopia
59, 7.366, 322.293

Trichromacy



Original Color
59, 21.448, 309.097

Protanomaly
59, 19.888, 294.439

Deuteranomaly
59, 18.446, 301.193

Tritanomaly
59, 12.269, 312.997

Monochromacy



Original Color
59, 21.448, 309.097

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 7.739, 308.084

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 21.448, 309.097 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(152, 135, 171)` looks like.

```
.text, #text, p{  
    color:rgb(152, 135, 171)  
}
```

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(152, 135, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 135, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 21.448, 309.097 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(152, 135, 171) }
```

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

```
.border{ border-color:rgb(152, 135, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 135, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 135, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 135, 171);  
box-shadow:4px 4px 4px 4px rgb(152, 135,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 21.448, 309.097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 135, 171) }
```

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

```
.background{ background-color: rgb(152,  
135, 171) }
```

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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