

Converting Colors

CIELCh(60, 16.723, 306.367)

Have a look what the booklet for
CIELCh(60, 16.723, 306.367)
contains.

CIELCh(60, 16.413, 306.110)	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(60, 16.413, 306.110)

Conversions

Conversions Part 1

Format	Color
Hex	978CA8
RGB	151, 140, 168
RGB Percent	59%, 55%, 66%
CMY	0.4082, 0.4513, 0.3415
CMYK	0.10, 0.17, 0.00, 0.34
HSL	264°, 14%, 60%
HSV	264°, 17%, 66%
XYZ	29.1688, 28.1233, 40.8901
YIQ	146.4810, -2.4320, 11.0400

Conversions

Conversions Part 2

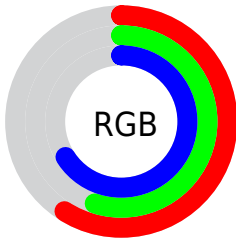
Format	Color
RYB	151, 140, 168
Decimal	9931944
CIELab	60.00, 9.67, -13.26
CIELCh	60, 16.413, 306.110
Yxy	28.1233, 0.2971, 0.2864
Android (android.graphics.Color)	4288122024 (0xFF978CA8)
YUV	146.4810, 10.6089, 3.9632
Hunter-Lab	53.0314, 5.3752, -8.5938

Details

The CIELCh color `60, 16.413, 306.110` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `67, 15.966, 124.420`, and the grayscale version is `61, 0.008, 296.813`.

A 20% lighter version of the original color is `80, 16.005, 305.436`, and `40, 16.410, 306.120` is the 20% darker color. If you saturate the color by 10%, you get `55, 26.662, 306.713`, and if you desaturate by 10%, it is `65, 6.467, 305.558`.

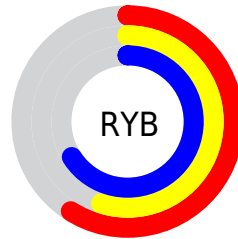
Distribution



Red (59%)

Green (55%)

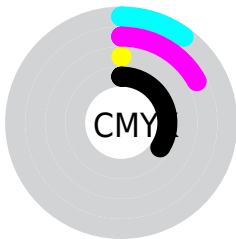
Blue (66%)



Red (59%)

Yellow (55%)

Blue (66%)

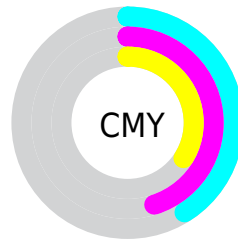


Cyan (10%)

Magenta (17%)

Yellow (0%)

Black (34%)



Cyan (41%)


Magenta (45%)


Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 16.413, 306.110 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 60, 16.413, 306.110 by changing the saturation by 10% instead.


 60, 16.413,
306.110


 60, 16.413,
306.110


 100, 16.413,
306.110


 50, 16.413,
306.110


 80, 16.413,
306.110

 40, 16.413,
306.110


 90, 16.413,
306.110


 30, 16.413,
306.110

 20, 16.413,
306.110

 10, 16.413,
306.110

 0, 16.413, 306.110

 60, 16.413,

 60, 16.413,

306.110

55, 26.662,
306.713

49, 37.177,
307.369

44, 47.866,
308.059

39, 58.547,
308.751

35, 68.889,
309.384

31, 78.350,
309.865

27, 86.157,
310.064

24, 91.606,
309.872

306.110

65, 6.467, 305.558

71, 3.160, 125.108

76, 12.472,
124.665

81, 21.479,
124.290

86, 30.196,
123.965

91, 38.638,
123.684

96, 45.476,
122.816

97, 44.492,
118.104

■ 24, 93.249,
309.815

■ 97, 43.842,
113.122

Harmonies

Complementary

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



60, 16.413, 306.110



67, 15.966, 124.420

Rectangle

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



60, 16.413, 306.110



60, 16.413, 356.110



60, 16.413, 126.110



60, 16.413, 176.110

Sweetspot

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



60, 16.411, 306.109



84, 6.009, 305.474



64, 8.528, 243.790



44, 4.097, 305.510



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



60, 16.411, 306.109



74, 24.606, 306.326



61, 18.332, 322.015



33, 5.517, 305.698



20, 84.845, 309.926



1, 9.843, 303.223

Inverse Universe

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



61, 14.430, 339.541



76, 21.561, 339.849



66, 18.245, 140.378



33, 4.877, 338.943



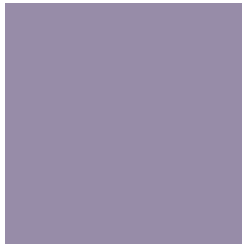
32, 58.597, 351.704



2, 8.349, 342.096

Previews

White Background



This preview shows how the CIELCh color 60, 16.413, 306.110 looks on a white background.

Color Contrast Check

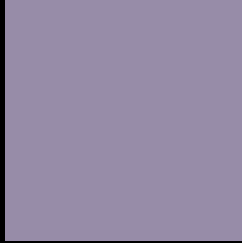
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIE LCh color 60, 16.413, 306.110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

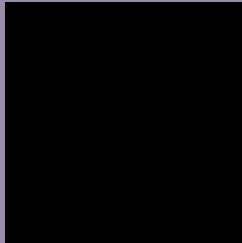
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 16.413, 306.110

Background



This preview shows how black text looks on a background with the CIELCh color 60, 16.413, 306.110.



This preview shows how white text looks on a background with the CIELCh color 60, 16.413, 306.110.

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


60, 16.413, 306.110

Protanopia

60, 15.300, 286.538

Deuteranopia

60, 15.535, 301.317



Tritanopia
60, 7.325, 312.228

Trichromacy



Original Color
60, 16.413, 306.110

Protanomaly
60, 15.288, 293.236

Deuteranomaly
60, 15.601, 302.647

Tritanomaly
60, 10.778, 309.559

Monochromacy



Original Color
60, 16.413, 306.110

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 5.870, 305.804

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 16.413, 306.110 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(151, 140, 168)` looks like.

```
.text, #text, p{  
    color:rgb(151, 140, 168)  
}
```

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(151, 140, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 140, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 16.413, 306.110 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(151, 140, 168) }
```

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

```
.border{ border-color:rgb(151, 140, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 140, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 140, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 140, 168);  
box-shadow:4px 4px 4px 4px rgb(151, 140,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 16.413, 306.110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 140, 168) }
```

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

```
.background{ background-color: rgb(151,  
140, 168) }
```

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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