

Converting Colors

CIELCh(60, 16.585, 286.075)

Have a look what the booklet for
CIELCh(60, 16.585, 286.075)
contains.

CIELCh(60, 16.448, 285.838)	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, 16.448, 285.838)

Conversions

Conversions Part 1

Format	Color
Hex	8A8FAC
RGB	138, 143, 172
RGB Percent	54%, 56%, 67%
CMY	0.4579, 0.4383, 0.3246
CMYK	0.20, 0.17, 0.00, 0.32
HSL	231°, 17%, 61%
HSV	231°, 20%, 68%
XYZ	27.8444, 28.1233, 43.1086
YIQ	144.8110, -12.2890, 7.9590

Conversions

Conversions Part 2

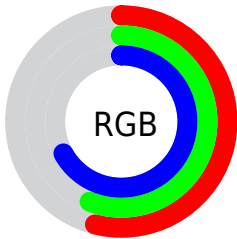
Format	Color
R_{YB}	138, 142, 172
Decimal	9080748
CIE _{Lab}	60.00, 4.49, -15.82
CIE _{LCh}	60, 16.448, 285.838
Yxy	28.1233, 0.2810, 0.2839
Android (android.graphics.Color)	4287270828 (0xFF8A8FAC)
YUV	144.8110, 13.4042, -5.9732
Hunter-Lab	53.0314, 0.9172, -11.0741

Details

The CIELCh color $60, 16.448, 285.838$ is a dark color, and the websafe version is hex $9999CC$. A complement of this color would be $68, 15.976, 101.265$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 16.047, 285.497$, and $40, 16.521, 286.267$ is the 20% darker color. If you saturate the color by 10%, you get $55, 25.198, 287.375$, and if you desaturate by 10%, it is $65, 7.989, 284.524$.

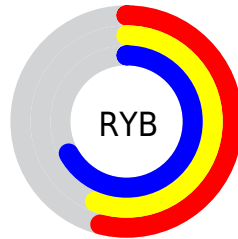
Distribution



Red (54%)

Green (56%)

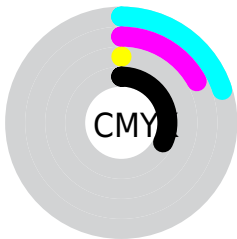
Blue (67%)



Red (54%)

Yellow (56%)

Blue (67%)

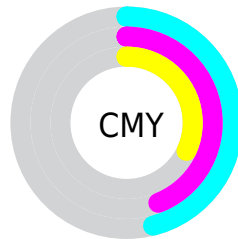


Cyan (20%)

Magenta (17%)

Yellow (0%)

Black (32%)



Cyan (46%)

Magenta (44%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 16.448, 285.838 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, 16.448, 285.838 by changing the saturation by 10% instead.

■ 60, 16.448,
285.838

■ 60, 16.448,
285.838

■ 100, 16.448,
285.838

■ 50, 16.448,
285.838

■ 80, 16.448,
285.838

■ 40, 16.448,
285.838

■ 90, 16.448,
285.838

■ 30, 16.448,
285.838

■ 20, 16.448,
285.838

■ 10, 16.448,
285.838

■ 0, 16.448, 285.838

■ 60, 16.448,

■ 60, 16.448,

285.838

■ 55, 25.198,
287.375

■ 49, 34.269,
289.172

■ 44, 43.684,
291.252

■ 39, 53.445,
293.620

■ 34, 63.486,
296.231

■ 30, 73.569,
298.965

■ 26, 83.133,
301.604

■ 23, 91.269,
303.802

285.838

■ 65, 7.989, 284.524

■ 71, 0.198, 102.797

■ 76, 8.133, 102.394

■ 81, 15.832,
101.560

■ 86, 23.309,
100.832

■ 91, 30.574,
100.195

■ 96, 37.461,
101.899

■ 98, 41.446,
107.013

■ 23, 91.452,
303.847

Harmonies

Complementary

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



60, 16.448, 285.838



68, 15.976, 101.265

Rectangle

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



60, 16.448, 285.838



60, 16.448, 335.838



60, 16.448, 105.838



60, 16.448, 155.838

Sweetspot

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



60, 16.447, 285.836



85, 6.069, 284.102



68, 12.686, 185.509



45, 4.024, 284.172



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



60, 16.447, 285.836



74, 24.986, 286.526



60, 19.819, 304.796



34, 4.664, 284.472



19, 82.119, 303.609



1, 10.018, 284.819

Inverse Universe

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



61, 13.881, 9.245



75, 21.195, 9.813



69, 19.136, 122.628



34, 3.884, 8.117



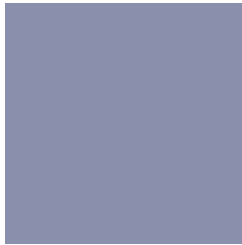
31, 64.352, 32.256



2, 7.937, 9.533

Previews

White Background



This preview shows how the CIELCh color 60, 16.448, 285.838 looks on a white background.

Color Contrast Check

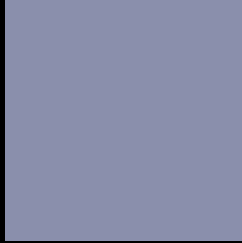
Large Text (above 18pt) WCAG AA ✓ Pass

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, 16.448, 285.838 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

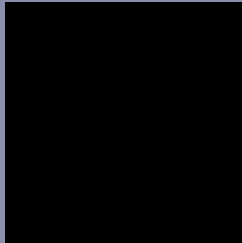
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

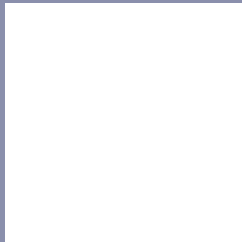
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 60, 16.448, 285.838

Background



This preview shows how black text looks on a background with the CIELCh color 60, 16.448, 285.838.



This preview shows how white text looks on a background with the CIELCh color 60, 16.448, 285.838.

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

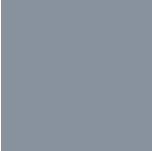
60, 16.448, 285.838

Protanopia

60, 16.448, 285.838

Deuteranopia

60, 18.196, 296.689



Tritanopia
60, 7.335, 257.310

Trichromacy



Original Color
60, 16.448, 285.838

Protanomaly
60, 16.448, 285.838

Deuteranomaly
60, 17.544, 293.291

Tritanomaly
60, 10.600, 273.384

Monochromacy



Original Color
60, 16.448, 285.838

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 6.222, 287.425

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 16.448, 285.838 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(138, 143, 172)` looks like.

```
.text, #text, p{  
    color:rgb(138, 143, 172)  
}
```

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(138, 143, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 143, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 16.448, 285.838 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(138, 143, 172) }
```

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

```
.border{ border-color:rgb(138, 143, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 143, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 143, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 143, 172);  
box-shadow:4px 4px 4px 4px rgb(138, 143,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 16.448, 285.838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 143, 172) }
```

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

```
.background{ background-color: rgb(138,  
143, 172) }
```

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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