

Converting Colors

CIELCh(65, 11.377, 348.237)

Have a look what the booklet for
CIELCh(65, 11.377, 348.237)
contains.

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Color

CIELCh(65, 11.415, 348.250)

Conversions

Conversions Part 1

Format	Color
Hex	B097A2
RGB	176, 151, 162
RGB Percent	69%, 59%, 64%
CMY	0.3092, 0.4072, 0.3641
CMYK	0.00, 0.14, 0.08, 0.31
HSL	334°, 14%, 64%
HSV	334°, 14%, 69%
XYZ	35.5689, 34.0472, 38.9537
YIQ	159.7290, 11.3690, 8.7210

Conversions

Conversions Part 2

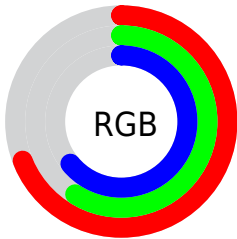
Format	Color
R_{YB}	176, 151, 162
Decimal	11573154
CIE Lab	65.00, 11.18, -2.32
CIE LCh	65, 11.415, 348.250
Yxy	34.0472, 0.3276, 0.3136
Android (android.graphics.Color)	4289763234 (0xFFB097A2)
YUV	159.7290, 1.1196, 14.2697
Hunter-Lab	58.3500, 6.6975, 1.2637

Details

The CIELCh color $65, 11.415, 348.250$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $70, 11.150, 165.807$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 11.703, 347.757$, and $45, 11.230, 348.958$ is the 20% darker color. If you saturate the color by 10%, you get $60, 19.672, 349.294$, and if you desaturate by 10%, it is $70, 3.326, 347.260$.

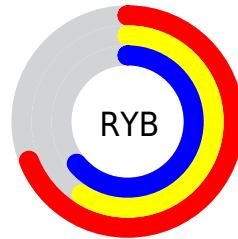
Distribution



Red (69%)

Green (59%)

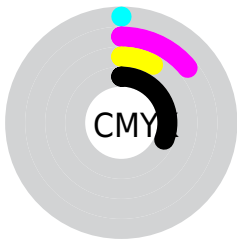
Blue (64%)



Red (69%)

Yellow (59%)

Blue (64%)

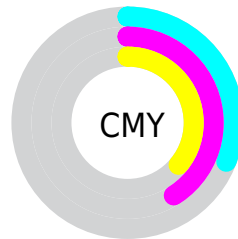


Cyan (0%)

Magenta (14%)

Yellow (8%)

Black (31%)



Cyan (31%)


Magenta (41%)


Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 11.415, 348.250 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 65, 11.415, 348.250 by changing the saturation by 10% instead.


 65, 11.415,
348.250


 65, 11.415,
348.250


 100, 11.415,
348.250


 55, 11.415,
348.250


 85, 11.415,
348.250

 45, 11.415,
348.250


 95, 11.415,
348.250

 35, 11.415,
348.250

 25, 11.415,
348.250

 15, 11.415,
348.250

 5, 11.415, 348.250

 0, 11.415, 348.250

65, 11.415,
348.250

65, 11.415,
348.250

60, 19.672,
349.294

70, 3.326, 347.260

56, 27.977,
350.473

75, 4.517, 166.643

52, 36.127,
351.844

80, 12.086,
165.846

48, 43.832,
353.476

85, 19.369,
165.154

44, 50.717,
355.469

90, 26.374,
164.523

41, 56.372,
357.956

94, 32.082,
164.763

39, 60.465, 1.100

95, 29.196,
172.754

38, 62.913, 5.062

95, 26.915,
182.240

■ 37, 63.980, 7.601

■ 95, 25.415,
193.115

Harmonies

Complementary

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



65, 11.415, 348.250



70, 11.150, 165.807

Rectangle

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



65, 11.415, 348.250



65, 11.415, 38.250



65, 11.415, 168.250



65, 11.415, 218.250

Sweetspot

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



65, 11.413, 348.254



89, 3.934, 347.246



64, 14.900, 311.401



47, 2.796, 347.328



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



65, 11.413, 348.254



81, 17.016, 348.565



65, 9.417, 24.429



35, 4.573, 347.780



32, 57.658, 7.003



2, 10.274, 353.184

Inverse Universe

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



65, 11.413, 348.254



81, 17.016, 348.565



70, 8.591, 203.345



35, 4.573, 347.780



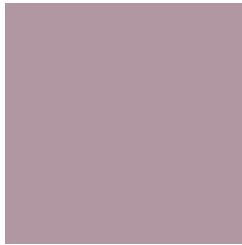
32, 57.658, 7.003



2, 10.274, 353.184

Previews

White Background



This preview shows how the CIELCh color 65, 11.415, 348.250 looks on a white background.

Color Contrast Check

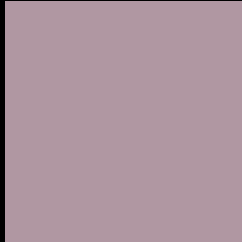
Large Text (above 18pt) WCAG AA × Fail

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 65, 11.415, 348.250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

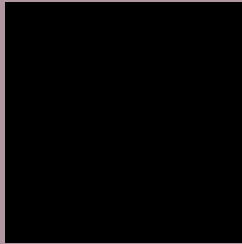
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 11.415, 348.250

Background



This preview shows how black text looks on a background with the CIELCh color 65, 11.415, 348.250.



This preview shows how white text looks on a background with the CIELCh color 65, 11.415, 348.250.

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


65, 11.415, 348.250

Protanopia

65, 5.028, 294.980

Deuteranopia

65, 8.548, 344.479



Tritanopia
65, 11.706, 345.933

Trichromacy



Original Color
65, 11.415, 348.250

Protanomaly
65, 6.763, 324.734

Deuteranomaly
65, 9.816, 345.952

Tritanomaly
65, 11.706, 345.933

Monochromacy



Original Color
65, 11.415, 348.250

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 4.116, 347.126

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 11.415, 348.250 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(176, 151, 162)` looks like.

```
.text, #text, p{  
    color:rgb(176, 151, 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(176, 151, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 151, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 11.415, 348.250 is called "border". The border property can be set on classes, ids or directly on the HTML element.

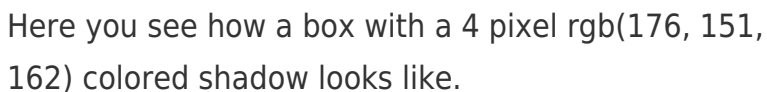
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(176, 151, 162) }
```

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

```
.border{ border-color:rgb(176, 151, 162) }
```

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



Here you see how a box with a 4 pixel `rgb(176, 151, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 151, 162); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 151, 162); box-shadow:4px 4px 4px 4px rgb(176, 151, 162) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 11.415, 348.250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 151, 162) }
```

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

```
.background{ background-color: rgb(176,  
151, 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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