

Converting Colors

CIELCh(64, 16.784, 332.540)

Have a look what the booklet for
CIELCh(64, 16.784, 332.540)
contains.

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Color

CIELCh(64, 16.478, 333.065)

Conversions

Conversions Part 1

Format	Color
Hex	B093A9
RGB	176, 147, 169
RGB Percent	69%, 58%, 66%
CMY	0.3112, 0.4249, 0.3386
CMYK	0.00, 0.17, 0.04, 0.31
HSL	314°, 15%, 63%
HSV	314°, 17%, 69%
XYZ	35.3338, 32.8017, 41.8331
YIQ	158.1790, 10.2220, 12.9900

Conversions

Conversions Part 2

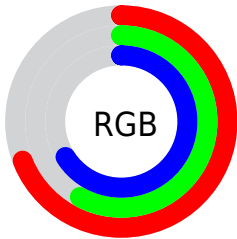
Format	Color
R_{YB}	176, 147, 169
Decimal	11572137
CIE _{Lab}	64.00, 14.69, -7.46
CIE _{LCh}	64, 16.478, 333.065
Yxy	32.8017, 0.3213, 0.2983
Android (android.graphics.Color)	4289762217 (0xFFB093A9)
YUV	158.1790, 5.3348, 15.6290
Hunter-Lab	57.2727, 9.8964, -3.2157

Details

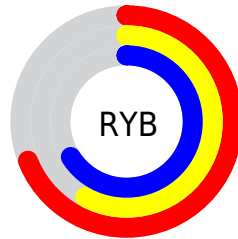
The CIELCh color $64, 16.478, 333.065$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $69, 16.396, 150.887$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 16.506, 333.510$, and $44, 16.629, 332.667$ is the 20% darker color. If you saturate the color by 10%, you get $60, 26.523, 333.759$, and if you desaturate by 10%, it is $69, 6.451, 332.383$.

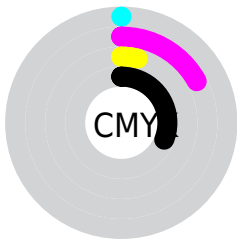
Distribution



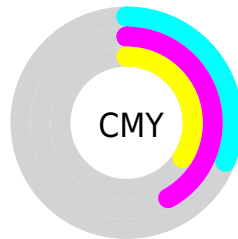
- Red (69%)
- Green (58%)
- Blue (66%)



- Red (69%)
- Yellow (58%)
- Blue (66%)



- Cyan (0%)
- Magenta (17%)
- Yellow (4%)
- Black (31%)





- Cyan (31%)
- Magenta (42%)
- Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 16.478, 333.065 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 64, 16.478, 333.065 by changing the saturation by 10% instead.

 64, 16.478,
333.065


 64, 16.478,
333.065


 100, 16.478,
333.065


 54, 16.478,
333.065


 84, 16.478,
333.065

 44, 16.478,
333.065

 94, 16.478,
333.065

 34, 16.478,
333.065

 24, 16.478,
333.065

 14, 16.478,
333.065

 4, 16.478, 333.065

 0, 16.478, 333.065

64, 16.478,
333.065

64, 16.478,
333.065

60, 26.523,
333.759

69, 6.451, 332.383

55, 36.395,
334.483

73, 3.425, 151.890

51, 45.814,
335.243

78, 13.077,
151.234

48, 54.408,
336.049

83, 22.462,
150.662

45, 61.736,
336.920

88, 31.566,
150.125

42, 67.349,
337.884

93, 40.386,
149.620

41, 70.902,
338.981

94, 40.455,
151.170

40, 72.352,

94, 38.824,
153.273

340.258

 94, 37.236,
155.548

 39, 72.654,
340.725

Harmonies

Complementary

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



64, 16.478, 333.065



69, 16.396, 150.887

Rectangle

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



64, 16.478, 333.065



64, 16.478, 23.065



64, 16.478, 153.065



64, 16.478, 203.065

Sweetspot

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



64, 16.476, 333.066



88, 6.160, 332.281



62, 16.510, 300.419



46, 4.200, 332.331



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



64, 16.476, 333.066



80, 24.856, 333.330



64, 12.132, 359.910



34, 5.569, 332.577



33, 64.960, 340.532



2, 11.025, 335.212

Inverse Universe

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



64, 16.476, 333.066



80, 24.856, 333.330



69, 11.511, 176.822



34, 5.569, 332.577



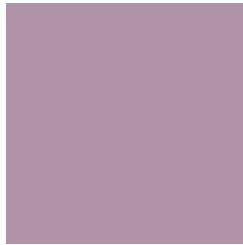
33, 64.960, 340.532



2, 11.025, 335.212

Previews

White Background



This preview shows how the CIELCh color 64, 16.478, 333.065 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 CIELCh color 64, 16.478, 333.065 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

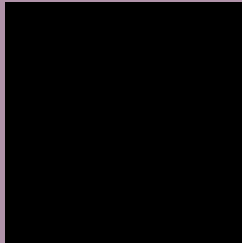
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 16.478, 333.065

Background



This preview shows how black text looks on a background with the CIELCh color 64, 16.478, 333.065.



This preview shows how white text looks on a background with the CIELCh color 64, 16.478, 333.065.

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


64, 16.478, 333.065

Protanopia

64, 10.601, 289.346

Deuteranopia

64, 10.895, 319.940



Tritanopia
64, 12.068, 347.058

Trichromacy



Original Color
64, 16.478, 333.065

Protanomaly
64, 11.823, 309.580

Deuteranomaly
64, 13.058, 326.443

Tritanomaly
64, 13.320, 341.985

Monochromacy



Original Color
64, 16.478, 333.065

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 5.891, 330.853

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 16.478, 333.065 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, 147, 169)` looks like.

```
.text, #text, p{  
    color:rgb(176, 147, 169)  
}
```

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, 147, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 147, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 16.478, 333.065 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, 147, 169) }
```

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

```
.border{ border-color:rgb(176, 147, 169) }
```

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

Here you see how a box with a 4 pixel rgb(176, 147, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 147, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 147, 169);  
box-shadow:4px 4px 4px 4px rgb(176, 147,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 16.478, 333.065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 147, 169) }
```

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

```
.background{ background-color: rgb(176,  
147, 169) }
```

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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