

Converting Colors

CIELCh(64, 31.100, 328.273)

Have a look what the booklet for
CIELCh(64, 31.100, 328.273)
contains.

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Color

CIELCh(64, 31.417, 328.173)

Conversions

Conversions Part 1

Format	Color
Hex	BD8BB9
RGB	189, 139, 185
RGB Percent	74%, 55%, 73%
CMY	0.2587, 0.4548, 0.2744
CMYK	0.00, 0.26, 0.02, 0.26
HSL	305°, 27%, 64%
HSV	305°, 26%, 74%
XYZ	38.9922, 32.8017, 50.1934
YIQ	159.1940, 15.0340, 24.9060

Conversions

Conversions Part 2

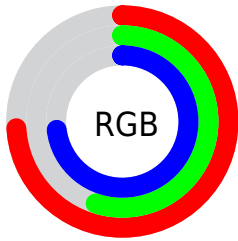
Format	Color
R_{YB}	189, 139, 185
Decimal	12422073
CIE _{Lab}	64.00, 26.69, -16.57
CIE _{LCh}	64, 31.417, 328.173
Yxy	32.8017, 0.3196, 0.2689
Android (android.graphics.Color)	4290612153 (0xFFBD8BB9)
YUV	159.1940, 12.7224, 26.1399
Hunter-Lab	57.2727, 21.2984, -11.8704

Details

The CIELCh color **64, 31.417, 328.173** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **72, 31.384, 144.853**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 31.390, 328.350**, and **44, 31.661, 328.100** is the 20% darker color. If you saturate the color by 10%, you get **60, 43.066, 328.743**, and if you desaturate by 10%, it is **69, 19.518, 327.595**.

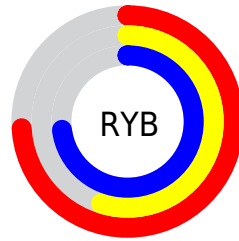
Distribution



Red (74%)

Green (55%)

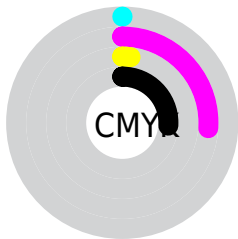
Blue (73%)



Red (74%)

Yellow (55%)

Blue (73%)

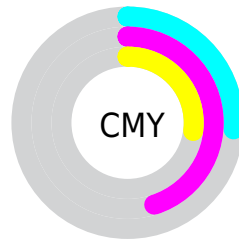


Cyan (0%)

Magenta (26%)

Yellow (2%)

Black (26%)



Cyan (26%)


Magenta (45%)


Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 31.417, 328.173 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, 31.417, 328.173 by changing the saturation by 10% instead.


 64, 31.417,
328.173


 64, 31.417,
328.173


 100, 31.417,
328.173


 54, 31.417,
328.173


 84, 31.417,
328.173

 44, 31.417,
328.173

 94, 31.417,
328.173

 34, 31.417,
328.173

 24, 31.417,
328.173

 14, 31.417,
328.173

 4, 31.417, 328.173

 0, 31.417, 328.173

64, 31.417,
328.173

64, 31.417,
328.173

60, 43.066,
328.743

69, 19.518,
327.595

56, 54.145,
329.296

73, 7.614, 327.004

78, 4.141, 146.544

52, 64.235,
329.822

83, 15.645,
145.955

49, 72.857,
330.312

89, 26.842,
145.427

47, 79.551,
330.764

94, 37.705,
144.928

45, 83.987,
331.179


94, 38.600,
145.441

44, 86.146,
331.568

94, 37.977,
146.128

44, 86.655,

331.703

 95, 37.359,
146.837

Harmonies

Complementary

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



64, 31.417, 328.173



72, 31.384, 144.853

Rectangle

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



64, 31.417, 328.173



64, 31.417, 18.173



64, 31.417, 148.173



64, 31.417, 198.173

Sweetspot

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



64, 31.415, 328.173



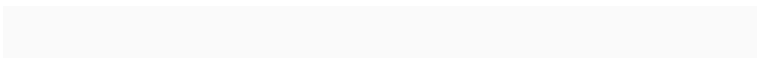
92, 11.662, 327.106



60, 28.358, 295.558



48, 8.292, 327.196



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



64, 31.415, 328.173



78, 46.780, 328.520



63, 22.739, 349.964



37, 6.692, 327.179



37, 75.986, 331.653



3, 19.863, 328.430

Inverse Universe

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



64, 31.415, 328.173



78, 46.780, 328.520



73, 21.746, 164.935



37, 6.692, 327.179



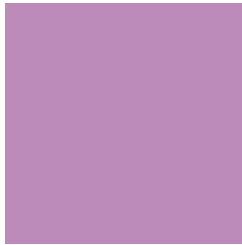
37, 75.986, 331.653



3, 19.863, 328.430

Previews

White Background



This preview shows how the CIELCh color 64, 31.417, 328.173 looks on a white background.

Color Contrast Check

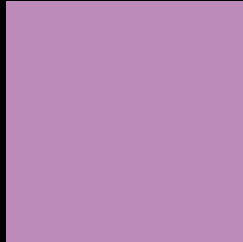
Large Text (above 18pt) WCAG AA × Fail

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, 31.417, 328.173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

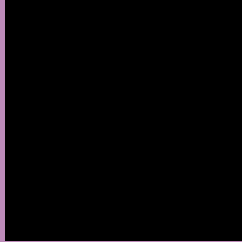
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 31.417, 328.173

Background



This preview shows how black text looks on a background with the CIELCh color 64, 31.417, 328.173.

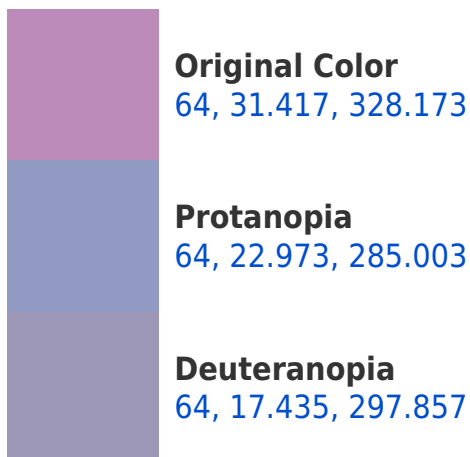


This preview shows how white text looks on a background with the CIELCh color 64, 31.417, 328.173.

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





Tritanopia
64, 17.372, 358.735

Trichromacy



Original Color
64, 31.417, 328.173

Protanomaly
64, 23.924, 302.710

Deuteranomaly
64, 22.237, 313.161

Tritanomaly
64, 21.769, 342.087

Monochromacy



Original Color
64, 31.417, 328.173

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 11.246, 328.195

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 31.417, 328.173 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(189, 139, 185)` looks like.

```
.text, #text, p{  
    color:rgb(189, 139, 185)  
}
```

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(189, 139, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 139, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 31.417, 328.173 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(189, 139, 185) }
```

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

```
.border{ border-color:rgb(189, 139, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 139, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 139, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 139, 185);  
box-shadow:4px 4px 4px 4px rgb(189, 139,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 31.417, 328.173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 139, 185) }
```

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

```
.background{ background-color: rgb(189,  
139, 185) }
```

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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