Converting Colors

CIELCh(64, 44.362, 317.616)

Have a look what the booklet for CIELCh(64, 44.362, 317.616) contains.

Color

CIELCh(64, 44.362, 317.616)

Conversions

Format	Color
Hex	BC88D1
RGB	188, 136, 209
RGB Percent	74%, 53%, 82%
CMY	0.2636, 0.4675, 0.1813
CMYK	0.10, 0.35, 0.00, 0.18
HSL	283°, 44%, 68%
HSV	283°, 35%, 82%
XYZ	40.9363, 32.8017, 64.3458
YIQ	159.8700, 7.5590, 33.7270

Conversions Part 1

Conversions

Conversions Part 2

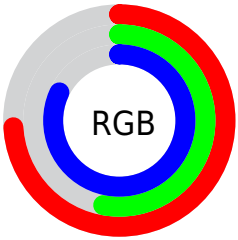
Format	Color
RYB	188, 136, 209
Decimal	12355793
CIELab	64.00, 32.77, -29.90
CIELCh	64, 44.362, 317.616
Yxy	32.8017, 0.2965, 0.2375
Android (android.graphics.Color)	4290545873 (0xFFBC88D1)
YUV	159.8700, 24.2211, 24.6700
Hunter-Lab	57.2727, 27.3573, -26.5212

Details

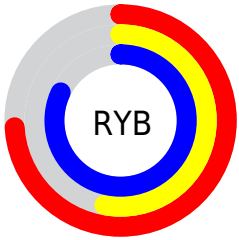
The CIELCh color 64, 44.362, 317.616 is a light color, and the websafe version is hex CC99CC. A complement of this color would be 79, 43.280, 134.397, and the grayscale version is 66, 0.008, 296.813.

A 20% lighter version of the original color is 84, 39.120, 321.353, and 44, 44.350, 317.906 is the 20% darker color. If you saturate the color by 10%, you get 59, 57.015, 318.016, and if you desaturate by 10%, it is 69, 31.524, 317.184.

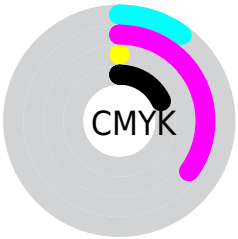
Distribution



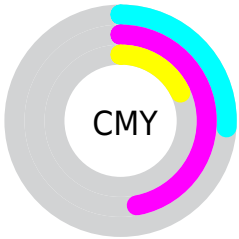
- Red (74%)
- Green (53%)
- Blue (82%)



- Red (74%)
- Yellow (53%)
- Blue (82%)



- Cyan (10%)
- Magenta (35%)
- Yellow (0%)
- Black (18%)



- Cyan (26%)
- Magenta (47%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 44.362, 317.616 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, 44.362, 317.616 by changing the saturation by 10% instead.

64, 44.362, 317.616

100, 44.362, 317.616

84, 44.362, 317.616

94, 44.362, 317.616

64, 44.362, 317.616

54, 44.362, 317.616

44, 44.362, 317.616

34, 44.362, 317.616

24, 44.362, 317.616

14, 44.362, 317.616

4, 44.362, 317.616

0, 44.362, 317.616

64, 44.362, 317.616

59, 57.015, 318.016

54, 69.137, 318.351

49, 80.233, 318.575

46, 89.686, 318.629

43, 96.849, 318.450

40, 101.274, 317.985

40, 102.794, 317.680

64, 44.362, 317.616

69, 31.524, 317.184

75, 18.739, 316.744

81, 6.151, 316.296

87, 6.157, 135.951

93, 18.141, 135.551

97, 26.155, 134.116

97, 25.245, 129.809

98, 24.489, 125.142

98, 23.908, 120.151

Harmonies

Complementary

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

64, 44.362, 317.616

79, 43.280, 134.397

Rectangle

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

64, 44.362, 317.616

64, 44.362, 7.616

64, 44.362, 137.616

64, 44.362, 187.616

Sweetspot

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

64, 44.360, 317.616

93, 14.665, 316.530

65, 28.962, 279.214

49, 10.020, 316.593

0, 0.000, 0.000

53, 0.007, 296.813

Same Dimension

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

64, 44.360, 317.616

72, 62.697, 317.922

66, 41.301, 332.792

41, 7.078, 316.499

31, 87.494, 317.818

4, 28.463, 316.462

Inverse Universe

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

65, 30.765, 0.877

73, 43.767, 2.128

78, 41.142, 147.764

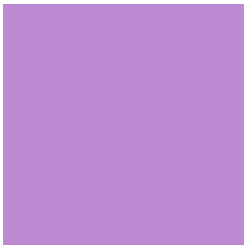
41, 4.783, 357.650

35, 64.468, 21.777

4, 20.451, 6.164

Previews

White Background

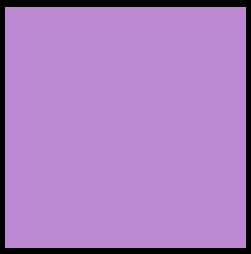


This preview shows how the CIELCh color 64, 44.362, 317.616 looks on a white background.

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



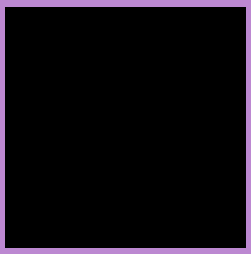
This preview shows how the CIELCh color 64, 44.362, 317.616 looks on a black background.

Color Contrast Check

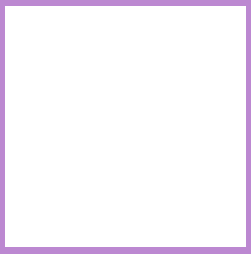
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

CIELCh 64, 44.362, 317.616 Background



This preview shows how black text looks on a background with the CIELCh color 64, 44.362, 317.616.

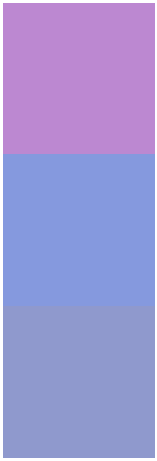


This preview shows how white text looks on a background with the CIELCh color 64, 44.362, 317.616.

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



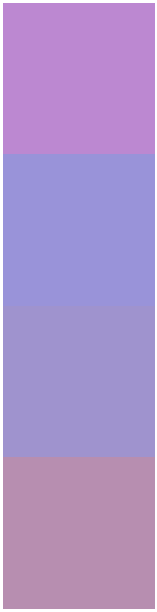
Original Color
64, 44.362, 317.616

Protanopia
64, 38.669, 285.186

Deuteranopia
64, 29.075, 286.788

Tritanopia
64, 14.811, 354.223

Trichromacy



Original Color
64, 44.362, 317.616

Protanomaly
64, 39.202, 296.985

Deuteranomaly
64, 33.307, 300.458

Tritanomaly
64, 24.347, 330.887

Monochromacy

Original Color
64, 44.362, 317.616

Achromatopsia
66, 0.008, 296.813

Achromatomaly
65, 16.656, 316.474

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 44.362, 317.616 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(188, 136, 209) looks like.

```
.text, #text, p{
    color:rgb(188, 136, 209)
}
```

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(188, 136, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 136, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 44.362, 317.616 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(188, 136, 209) }
```

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

```
.border{ border-color:rgb(188, 136, 209) }
```

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

Here you see how a box with a 4 pixel rgb(188, 136, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(188, 136, 209); -webkit-box-shadow:4px 4px 4px 4px rgb(188, 136, 209); box-shadow:4px 4px 4px 4px rgb(188, 136, 209) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 44.362, 317.616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(188, 136, 209) }
```

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

```
.background{ background-color:rgb(188,
136, 209) }
```

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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