

Converting Colors

CIELCh(64, 44.041, 317.217)

Have a look what the booklet for
CIELCh(64, 44.041, 317.217)
contains.

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Color

CIELCh(64, 44.245, 317.184)

Conversions

Conversions Part 1

Format	Color
Hex	BB88D1
RGB	187, 136, 209
RGB Percent	73%, 53%, 82%
CMY	0.2664, 0.4664, 0.1802
CMYK	0.11, 0.35, 0.00, 0.18
HSL	282°, 44%, 68%
HSV	282°, 35%, 82%
XYZ	40.8348, 32.8017, 64.5377
YIQ	159.5710, 6.9630, 33.5150

Conversions

Conversions Part 2

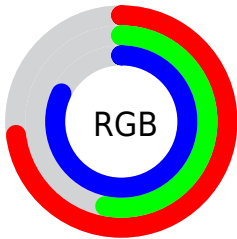
Format	Color
RYB	187, 136, 209
Decimal	12290257
CIELab	64.00, 32.46, -30.07
CIELCh	64, 44.245, 317.184
Yxy	32.8017, 0.2955, 0.2374
Android (android.graphics.Color)	4290480337 (0xFFBB88D1)
YUV	159.5710, 24.3685, 24.0552
Hunter-Lab	57.2727, 27.0411, -26.7199

Details

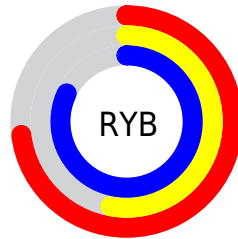
The CIELCh color $64, 44.245, 317.184$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $79, 43.102, 133.989$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 38.969, 320.888$, and $44, 44.252, 317.452$ is the 20% darker color. If you saturate the color by 10%, you get $59, 56.913, 317.588$, and if you desaturate by 10%, it is $70, 31.412, 316.750$.

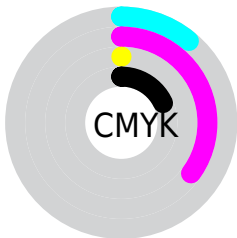
Distribution



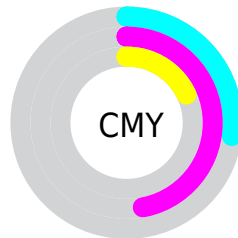
- Red (73%)
- Green (53%)
- Blue (82%)



- Red (73%)
- Yellow (53%)
- Blue (82%)



- Cyan (11%)
- Magenta (35%)
- Yellow (0%)
- Black (18%)



- Cyan (27%)
- Magenta (47%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 44.245, 317.184 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, 44.245, 317.184 by changing the saturation by 10% instead.

 64, 44.245,
317.184


 64, 44.245,
317.184

 100, 44.245,
317.184

 54, 44.245,
317.184

 84, 44.245,
317.184

 44, 44.245,
317.184

 94, 44.245,
317.184

 34, 44.245,
317.184

 24, 44.245,
317.184

 14, 44.245,
317.184

 4, 44.245, 317.184

 0, 44.245, 317.184

64, 44.245,
317.184

64, 44.245,
317.184

59, 56.913,
317.588

70, 31.412,
316.750

54, 69.077,
317.927

75, 18.646,
316.309

49, 80.244,
318.156

81, 6.086, 315.863

45, 89.794,
318.213

87, 6.189, 135.520

42, 97.067,
318.033

93, 18.137,
135.123

40, 101.591,
317.557

97, 25.854,
133.529

39, 103.161,
317.243

97, 24.926,
128.916

98, 24.173,
123.910

■ 98, 23.620,
118.558

Harmonies

Complementary

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



64, 44.245, 317.184



79, 43.102, 133.989

Rectangle

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



64, 44.245, 317.184



64, 44.245, 7.184



64, 44.245, 137.184



64, 44.245, 187.184

Sweetspot

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



64, 44.243, 317.184



93, 14.614, 316.098



66, 28.358, 277.998



49, 9.985, 316.161



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, 44.243, 317.184



72, 62.560, 317.494



66, 41.776, 332.171



41, 7.053, 316.067



31, 87.711, 317.386



4, 28.330, 315.869

Inverse Universe

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



65, 30.904, 359.895



73, 43.932, 1.138



78, 41.650, 147.217



41, 4.815, 356.698



35, 64.050, 20.554



4, 20.500, 5.487

Previews

White Background



This preview shows how the CIELCh color 64, 44.245, 317.184 looks on a white background.

Color Contrast Check

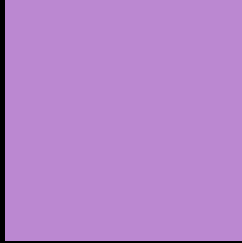
Large Text (above 18pt) WCAG AA × Fail

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, 44.245, 317.184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

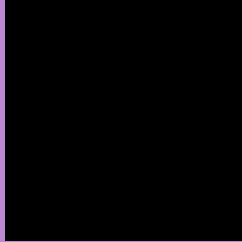
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 44.245, 317.184

Background



This preview shows how black text looks on a background with the CIELCh color 64, 44.245, 317.184.



This preview shows how white text looks on a background with the CIELCh color 64, 44.245, 317.184.

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, 44.245, 317.184

Protanopia

64, 38.669, 285.186

Deuteranopia

64, 29.624, 286.981



Tritanopia
64, 14.461, 353.467

Trichromacy



Original Color
64, 44.245, 317.184



Protanomaly
64, 39.202, 296.985



Deuteranomaly
64, 33.856, 300.378



Tritanomaly
64, 24.543, 329.323

Monochromacy



Original Color
64, 44.245, 317.184



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, 44.245, 317.184 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(187, 136, 209)` looks like.

```
.text, #text, p{  
    color:rgb(187, 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(187, 136, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 136, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 44.245, 317.184 is called "border". The border property can be set on classes, ids or directly on the HTML element.

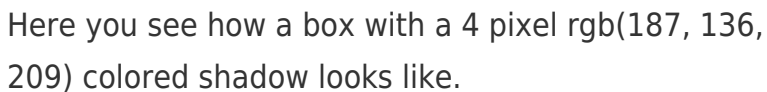
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 136, 209) }
```

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

```
.border{ border-color:rgb(187, 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(187, 136, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 136, 209); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 136, 209); box-shadow:4px 4px 4px 4px rgb(187, 136, 209) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 44.245, 317.184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 136, 209) }
```

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

```
.background{ background-color: rgb(187,  
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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