

Converting Colors

CIELCh(63, 26.809, 342.630)

Have a look what the booklet for
CIELCh(63, 26.809, 342.630)
contains.

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Color

CIELCh(63, 27.046, 342.817)

Conversions

Conversions Part 1

Format	Color
Hex	BF88A7
RGB	191, 136, 167
RGB Percent	75%, 53%, 65%
CMY	0.2500, 0.4657, 0.3441
CMYK	0.00, 0.29, 0.13, 0.25
HSL	326°, 30%, 64%
HSV	326°, 29%, 75%
XYZ	37.3885, 31.5869, 40.8073
YIQ	155.9790, 22.8290, 21.3010

Conversions

Conversions Part 2

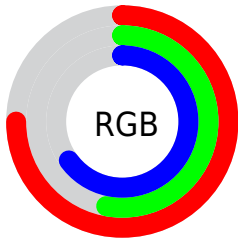
Format	Color
RYB	191, 136, 167
Decimal	12552359
CIELab	63.00, 25.84, -7.99
CIElCh	63, 27.046, 342.817
Yxy	31.5869, 0.3406, 0.2877
Android (android.graphics.Color)	4290742439 (0xFFBF88A7)
YUV	155.9790, 5.4334, 30.7134
Hunter-Lab	56.2022, 20.3932, -3.7077

Details

The CIELCh color $63, 27.046, 342.817$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $73, 26.372, 157.859$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 26.898, 342.952$, and $43, 27.388, 342.953$ is the 20% darker color. If you saturate the color by 10%, you get $58, 36.388, 343.862$, and if you desaturate by 10%, it is $68, 17.557, 341.881$.

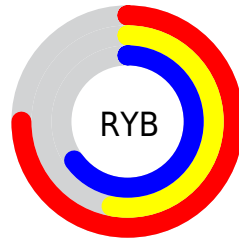
Distribution



Red (75%)

Green (53%)

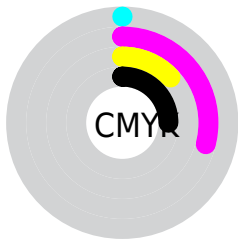
Blue (65%)



Red (75%)

Yellow (53%)

Blue (65%)

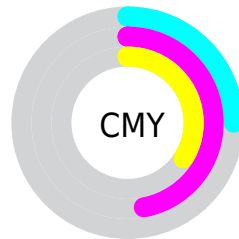


Cyan (0%)

Magenta (29%)

Yellow (13%)

Black (25%)



Cyan (25%)


Magenta (47%)


Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 27.046, 342.817 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 63, 27.046, 342.817 by changing the saturation by 10% instead.


 63, 27.046,
342.817


 63, 27.046,
342.817


 100, 27.046,
342.817


 53, 27.046,
342.817


 83, 27.046,
342.817

 43, 27.046,
342.817

 93, 27.046,
342.817

 33, 27.046,
342.817

 23, 27.046,
342.817

 13, 27.046,
342.817

 3, 27.046, 342.817

 0, 27.046, 342.817

63, 27.046,
342.817

63, 27.046,
342.817

58, 36.388,
343.862

68, 17.557,
341.881

54, 45.297,
345.049

73, 8.126, 341.014

78, 1.125, 160.619

50, 53.377,
346.433

83, 10.127,
159.615

47, 60.159,
348.089

89, 18.845,
158.940

44, 65.183,
350.123

94, 27.270,
158.323

43, 68.143,
352.669


95, 26.763,
163.535

42, 69.246,
355.800

95, 24.296,
171.544

42, 69.357,

356.202

 96, 22.349,
181.101

Harmonies

Complementary

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



63, 27.046, 342.817



73, 26.372, 157.859

Rectangle

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



63, 27.046, 342.817



63, 27.046, 32.817



63, 27.046, 162.817



63, 27.046, 212.817

Sweetspot

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



63, 27.044, 342.818



92, 10.374, 341.047



61, 32.255, 308.226



48, 7.218, 341.173



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



63, 27.044, 342.818



77, 40.880, 343.515



62, 22.500, 16.616



38, 5.317, 341.067



35, 61.073, 355.697



3, 16.451, 348.487

Inverse Universe

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



63, 27.044, 342.818



77, 40.880, 343.515



74, 18.994, 191.901



38, 5.317, 341.067



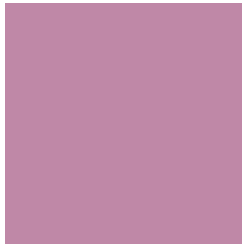
35, 61.073, 355.697



3, 16.451, 348.487

Previews

White Background



This preview shows how the CIELCh color 63, 27.046, 342.817 looks on a white background.

Color Contrast Check

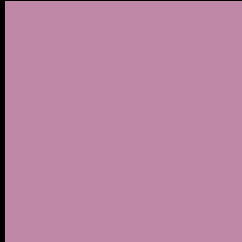
Large Text (above 18pt) WCAG AA × Fail

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 63, 27.046, 342.817 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

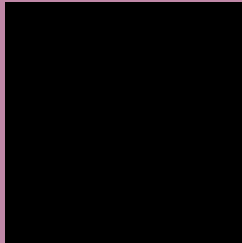
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 27.046, 342.817

Background



This preview shows how black text looks on a background with the CIELCh color 63, 27.046, 342.817.



This preview shows how white text looks on a background with the CIELCh color 63, 27.046, 342.817.

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
63, 27.046, 342.817

Protanopia
63, 14.023, 285.845

Deuteranopia
63, 10.933, 319.948



Tritanopia
63, 20.748, 4.569

Trichromacy



Original Color
63, 27.046, 342.817

Protanomaly
63, 16.600, 315.308

Deuteranomaly
63, 16.533, 333.083

Tritanomaly
63, 22.618, 355.703

Monochromacy



Original Color
63, 27.046, 342.817

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 9.859, 341.953

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 27.046, 342.817 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(191, 136, 167)` looks like.

```
.text, #text, p{  
    color:rgb(191, 136, 167)  
}
```

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(191, 136, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 136, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 27.046, 342.817 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(191, 136, 167) }
```

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

```
.border{ border-color:rgb(191, 136, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 136, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 136, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 136, 167);  
box-shadow:4px 4px 4px 4px rgb(191, 136,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 27.046, 342.817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 136, 167) }
```

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

```
.background{ background-color: rgb(191,  
136, 167) }
```

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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