

Converting Colors

CIELCh(63, 27.417, 340.383)

Have a look what the booklet for
CIELCh(63, 27.417, 340.383)
contains.

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Color

CIELCh(63, 27.417, 340.383)

Conversions

Conversions Part 1

Format	Color
Hex	BE88A9
RGB	190, 136, 169
RGB Percent	75%, 53%, 66%
CMY	0.2534, 0.4652, 0.3358
CMYK	0.00, 0.28, 0.11, 0.25
HSL	323°, 29%, 64%
HSV	323°, 28%, 75%
XYZ	37.3845, 31.5869, 41.8473
YIQ	155.9080, 21.5910, 21.7110

Conversions

Conversions Part 2

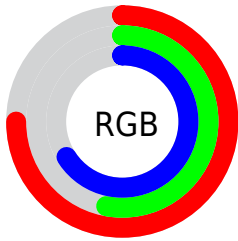
Format	Color
R _Y B	190, 136, 169
Decimal	12486825
CIE Lab	63.00, 25.83, -9.20
CIE LCh	63, 27.417, 340.383
Yxy	31.5869, 0.3373, 0.2850
Android (android.graphics.Color)	4290676905 (0xFFBE88A9)
YUV	155.9080, 6.4544, 29.8987
Hunter-Lab	56.2022, 20.3804, -4.8048

Details

The CIELCh color $63, 27.417, 340.383$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $73, 26.903, 155.726$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 27.245, 340.652$, and $43, 27.786, 340.338$ is the 20% darker color. If you saturate the color by 10%, you get $58, 36.981, 341.340$, and if you desaturate by 10%, it is $68, 17.685, 339.513$.

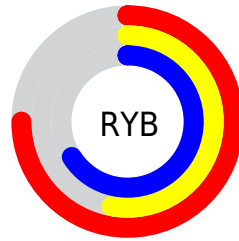
Distribution



Red (75%)

Green (53%)

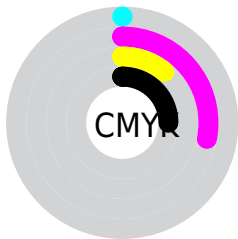
Blue (66%)



Red (75%)

Yellow (53%)

Blue (66%)

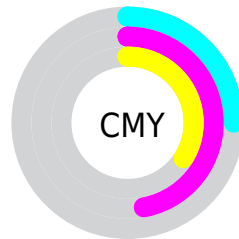


Cyan (0%)

Magenta (28%)

Yellow (11%)

Black (25%)



Cyan (25%)


Magenta (47%)


Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 27.417, 340.383 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, 27.417, 340.383 by changing the saturation by 10% instead.

 63, 27.417,
340.383

 63, 27.417,
340.383


 100, 27.417,
340.383


 53, 27.417,
340.383


 83, 27.417,
340.383

 43, 27.417,
340.383

 93, 27.417,
340.383

 33, 27.417,
340.383

 23, 27.417,
340.383

 13, 27.417,
340.383

 3, 27.417, 340.383

 0, 27.417, 340.383

63, 27.417,
340.383

63, 27.417,
340.383

58, 36.981,
341.340

68, 17.685,
339.513

54, 46.086,
342.409

73, 7.995, 338.697

78, 1.526, 158.241

50, 54.334,
343.632

83, 10.806,
157.362

47, 61.251,
345.070

88, 19.807,
156.713

45, 66.366,
346.806

94, 28.516,
156.116

43, 69.356,
348.949


95, 28.472,
160.162

42, 70.364,
351.577

95, 26.080,
166.480

42, 70.479,

352.024

 95, 24.025,
173.933

Harmonies

Complementary

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



63, 27.417, 340.383



73, 26.903, 155.726

Rectangle

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



63, 27.417, 340.383



63, 27.417, 30.383



63, 27.417, 160.383



63, 27.417, 210.383

Sweetspot

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



63, 27.415, 340.384



92, 10.636, 338.759



60, 31.473, 306.518



48, 7.461, 338.878



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, 27.415, 340.384



77, 40.603, 340.962



62, 22.101, 12.698



37, 5.377, 338.776



34, 61.579, 351.567



3, 14.984, 345.020

Inverse Universe

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



63, 27.415, 340.384



77, 40.603, 340.962



73, 19.065, 187.539



37, 5.377, 338.776



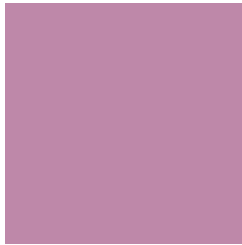
34, 61.579, 351.567



3, 14.984, 345.020

Previews

White Background



This preview shows how the CIELCh color 63, 27.417, 340.383 looks on a white background.

Color Contrast Check

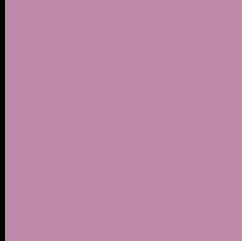
Large Text (above 18pt) WCAG AA × Fail

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, 27.417, 340.383 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

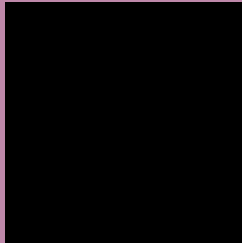
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 27.417, 340.383

Background



This preview shows how black text looks on a background with the CIELCh color 63, 27.417, 340.383.



This preview shows how white text looks on a background with the CIELCh color 63, 27.417, 340.383.

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, 27.417, 340.383

Protanopia
63, 15.706, 286.698

Deuteranopia
63, 11.082, 315.097



Tritanopia
63, 19.837, 5.316

Trichromacy



Original Color
63, 27.417, 340.383

Protanomaly
63, 18.008, 312.091

Deuteranomaly
63, 17.122, 329.556

Tritanomaly
63, 21.887, 354.658

Monochromacy



Original Color
63, 27.417, 340.383

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 10.206, 339.488

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 27.417, 340.383 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(190, 136, 169)` looks like.

```
.text, #text, p{  
    color:rgb(190, 136, 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(190, 136, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 136, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 27.417, 340.383 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(190, 136, 169) }
```

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

```
.border{ border-color:rgb(190, 136, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 136, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 136, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 136, 169);  
box-shadow:4px 4px 4px 4px rgb(190, 136,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 27.417, 340.383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 136, 169) }
```

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

```
.background{ background-color: rgb(190,  
136, 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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