

Converting Colors

CIELCh(60, 30.757, 337.655)

Have a look what the booklet for
CIELCh(60, 30.757, 337.655)
contains.

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Color

CIELCh(60, 30.829, 337.759)

Conversions

Conversions Part 1

Format	Color
Hex	B97FA6
RGB	185, 127, 166
RGB Percent	73%, 50%, 65%
CMY	0.2757, 0.5031, 0.3502
CMYK	0.00, 0.31, 0.10, 0.28
HSL	320°, 29%, 61%
HSV	320°, 31%, 72%
XYZ	34.3418, 28.1233, 39.5524
YIQ	148.7880, 22.0490, 24.4250

Conversions

Conversions Part 2

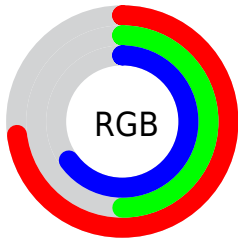
Format	Color
RYB	185, 127, 166
Decimal	12156838
CIELab	60.00, 28.54, -11.67
CIELCh	60, 30.829, 337.759
Yxy	28.1233, 0.3366, 0.2757
Android (android.graphics.Color)	4290346918 (0xFFB97FA6)
YUV	148.7880, 8.4855, 31.7579
Hunter-Lab	53.0314, 22.7870, -7.0982

Details

The CIELCh color $60, 30.829, 337.759$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $70, 30.417, 152.833$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 31.107, 337.820$, and $40, 30.686, 337.929$ is the 20% darker color. If you saturate the color by 10%, you get $56, 40.394, 338.635$, and if you desaturate by 10%, it is $65, 20.988, 336.950$.

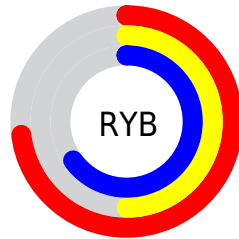
Distribution



Red (73%)

Green (50%)

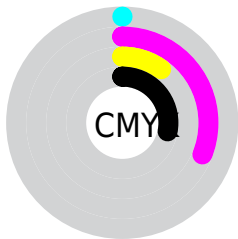
Blue (65%)



Red (73%)

Yellow (50%)

Blue (65%)

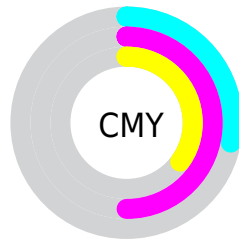


Cyan (0%)

Magenta (31%)

Yellow (10%)

Black (28%)



Cyan (28%)


Magenta (50%)


Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 30.829, 337.759 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 60, 30.829, 337.759 by changing the saturation by 10% instead.


 60, 30.829,
337.759


 60, 30.829,
337.759


 100, 30.829,
337.759


 50, 30.829,
337.759


 80, 30.829,
337.759

 40, 30.829,
337.759

 90, 30.829,
337.759

 30, 30.829,
337.759

 20, 30.829,
337.759

 10, 30.829,
337.759

 0, 30.829, 337.759

 60, 30.829,

 60, 30.829,

337.759

337.759

56, 40.394,
338.635

65, 20.988,
336.950

52, 49.361,
339.597

69, 11.111,
336.187

48, 57.306,
340.676

74, 1.349, 335.274

45, 63.754,
341.919

79, 8.203, 154.900

43, 68.267,
343.390

84, 17.496,
154.263


42, 70.597,
345.175

90, 26.505,
153.677

41, 71.228,
346.965

94, 34.637,
153.349

95, 32.399,
157.081

 95, 30.291,
161.324

Harmonies

Complementary

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



60, 30.829, 337.759



70, 30.417, 152.833

Rectangle

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



60, 30.829, 337.759



60, 30.829, 27.759



60, 30.829, 157.759



60, 30.829, 207.759

Sweetspot

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



60, 30.827, 337.760



89, 10.831, 336.019



57, 33.872, 304.489



47, 7.531, 336.128



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



60, 30.827, 337.760



73, 45.953, 338.386



59, 24.215, 8.015



36, 5.491, 336.033



34, 62.900, 346.635



3, 13.748, 340.867

Inverse Universe

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



60, 30.827, 337.760



73, 45.953, 338.386



71, 21.121, 181.690



36, 5.491, 336.033



34, 62.900, 346.635



3, 13.748, 340.867

Previews

White Background



This preview shows how the CIELCh color 60, 30.829, 337.759 looks on a white background.

Color Contrast Check

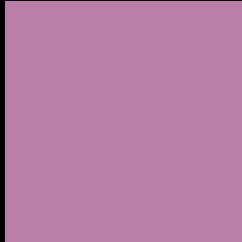
Large Text (above 18pt) WCAG AA ✓ Pass

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 60, 30.829, 337.759 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

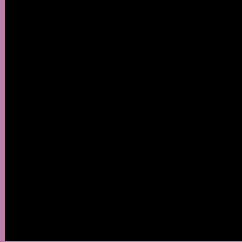
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 30.829, 337.759

Background



This preview shows how black text looks on a background with the CIELCh color 60, 30.829, 337.759.



This preview shows how white text looks on a background with the CIELCh color 60, 30.829, 337.759.

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

60, 30.829, 337.759

Protanopia

60, 18.727, 284.775

Deuteranopia

60, 13.040, 308.093



Tritanopia
60, 21.255, 6.566

Trichromacy



Original Color
60, 30.829, 337.759

Protanomaly
60, 20.731, 308.539

Deuteranomaly
60, 18.855, 324.354

Tritanomaly
60, 24.193, 353.134

Monochromacy



Original Color
60, 30.829, 337.759

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 11.343, 336.551

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 30.829, 337.759 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(185, 127, 166)` looks like.

```
.text, #text, p{  
    color:rgb(185, 127, 166)  
}
```

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(185, 127, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 127, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 30.829, 337.759 is called "border". The border property can be set on classes, ids or directly on the HTML element.

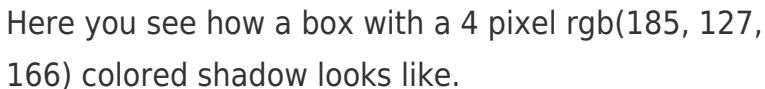
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 127, 166) }
```

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

```
.border{ border-color:rgb(185, 127, 166) }
```

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



Here you see how a box with a 4 pixel rgb(185, 127, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 127, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 127, 166);  
box-shadow:4px 4px 4px 4px rgb(185, 127,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 30.829, 337.759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 127, 166) }
```

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

```
.background{ background-color: rgb(185,  
127, 166) }
```

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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