

Converting Colors

CIELCh(62, 27.304, 338.329)

Have a look what the booklet for
CIELCh(62, 27.304, 338.329)
contains.

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Color

CIELCh(62, 27.276, 338.318)

Conversions

Conversions Part 1

Format	Color
Hex	BA86A8
RGB	186, 134, 168
RGB Percent	73%, 53%, 66%
CMY	0.2698, 0.4737, 0.3404
CMYK	0.00, 0.28, 0.10, 0.27
HSL	321°, 27%, 63%
HSV	321°, 28%, 73%
XYZ	35.9372, 30.4025, 41.1164
YIQ	153.4240, 20.0780, 21.5980

Conversions

Conversions Part 2

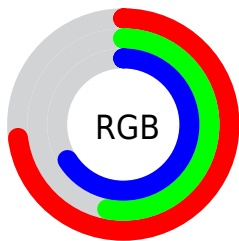
Format	Color
R_{YB}	186, 134, 168
Decimal	12224168
CIE _{Lab}	62.00, 25.35, -10.08
CIE _{LCh}	62, 27.276, 338.318
Yxy	30.4025, 0.3344, 0.2829
Android (android.graphics.Color)	4290414248 (0xFFBA86A8)
YUV	153.4240, 7.1860, 28.5692
Hunter-Lab	55.1385, 19.8473, -5.6152

Details

The CIELCh color $62, 27.276, 338.318$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $71, 26.891, 153.942$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 27.088, 338.708$, and $42, 26.999, 338.365$ is the 20% darker color. If you saturate the color by 10%, you get $58, 36.921, 339.199$, and if you desaturate by 10%, it is $67, 17.453, 337.505$.

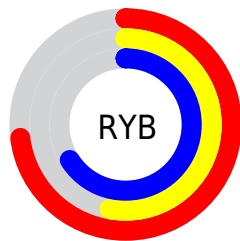
Distribution



Red (73%)

Green (53%)

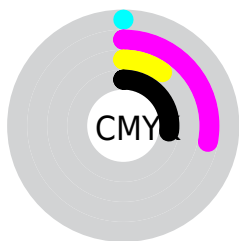
Blue (66%)



Red (73%)

Yellow (53%)

Blue (66%)

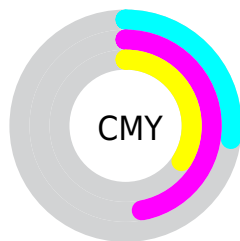


Cyan (0%)

Magenta (28%)

Yellow (10%)

Black (27%)



Cyan (27%)


Magenta (47%)


Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 27.276, 338.318 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 62, 27.276, 338.318 by changing the saturation by 10% instead.


 62, 27.276,
338.318


 62, 27.276,
338.318


 100, 27.276,
338.318


 52, 27.276,
338.318


 82, 27.276,
338.318

 42, 27.276,
338.318

 92, 27.276,
338.318

 32, 27.276,
338.318

 22, 27.276,
338.318

 12, 27.276,
338.318

 2, 27.276, 338.318

 0, 27.276, 338.318

62, 27.276,
338.318

62, 27.276,
338.318

58, 36.921,
339.199

67, 17.453,
337.505

53, 46.102,
340.168

72, 7.663, 336.733

77, 1.969, 156.249

50, 54.425,
341.255

82, 11.366,
155.455

46, 61.423,
342.506

87, 20.491,
154.831

44, 66.629,
343.987

92, 29.329,
154.252

42, 69.709,
345.786


95, 32.310,
156.052

41, 70.749,
347.974

95, 30.033,
160.539

41, 70.886,

348.448

 95, 27.936,
165.699

Harmonies

Complementary

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



62, 27.276, 338.318



71, 26.891, 153.942

Rectangle

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



62, 27.276, 338.318



62, 27.276, 28.318



62, 27.276, 158.318



62, 27.276, 208.318

Sweetspot

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



62, 27.274, 338.319



91, 9.574, 336.748



59, 30.223, 304.791



48, 6.868, 336.865



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



62, 27.274, 338.319



75, 41.061, 338.894



61, 21.460, 8.791



37, 5.542, 336.843



35, 62.958, 348.110



3, 15.480, 342.492

Inverse Universe

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



62, 27.274, 338.319



75, 41.061, 338.894



72, 18.910, 183.382



37, 5.542, 336.843



35, 62.958, 348.110



3, 15.480, 342.492

Previews

White Background



This preview shows how the CIELCh color 62, 27.276, 338.318 looks on a white background.

Color Contrast Check

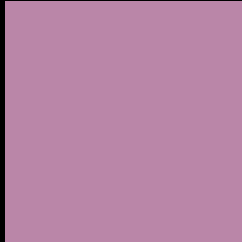
Large Text (above 18pt) WCAG AA × Fail

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 62, 27.276, 338.318 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

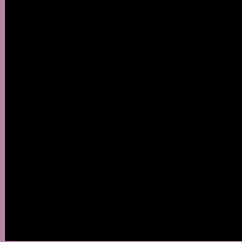
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 27.276, 338.318

Background



This preview shows how black text looks on a background with the CIELCh color 62, 27.276, 338.318.



This preview shows how white text looks on a background with the CIELCh color 62, 27.276, 338.318.

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

62, 27.276, 338.318

Protanopia

62, 16.328, 285.751

Deuteranopia

62, 12.016, 311.300



Tritanopia
62, 19.109, 4.564

Trichromacy



Original Color
62, 27.276, 338.318

Protanomaly
62, 17.813, 309.850

Deuteranomaly
62, 17.156, 326.320

Tritanomaly
62, 21.238, 353.600

Monochromacy



Original Color
62, 27.276, 338.318

Achromatopsia
64, 0.008, 296.813

Achromatomaly
63, 9.943, 337.988

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 27.276, 338.318 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(186, 134, 168)` looks like.

```
.text, #text, p{  
    color:rgb(186, 134, 168)  
}
```

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(186, 134, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 134, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 27.276, 338.318 is called "border". The border property can be set on classes, ids or directly on the HTML element.

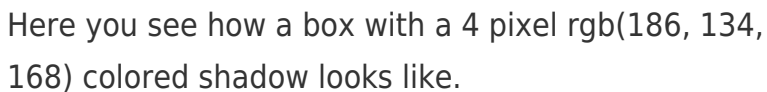
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(186, 134, 168) }
```

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

```
.border{ border-color:rgb(186, 134, 168) }
```

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



Here you see how a box with a 4 pixel `rgb(186, 134, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 134, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 134, 168); box-shadow:4px 4px 4px 4px rgb(186, 134, 168) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 27.276, 338.318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 134, 168) }
```

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

```
.background{ background-color: rgb(186,  
134, 168) }
```

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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