

Converting Colors

CIELCh(62, 27.588, 344.453)

Have a look what the booklet for
CIELCh(62, 27.588, 344.453)
contains.

CIELCh(62, 27.713, 343.986)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(62, 27.713, 343.986)

Conversions

Conversions Part 1

Format	Color
Hex	BE85A4
RGB	190, 133, 164
RGB Percent	75%, 52%, 64%
CMY	0.2549, 0.4784, 0.3569
CMYK	0.00, 0.30, 0.14, 0.25
HSL	327°, 30%, 63%
HSV	327°, 30%, 75%
XYZ	36.3237, 30.4025, 39.0759
YIQ	153.5770, 24.0210, 21.7250

Conversions

Conversions Part 2

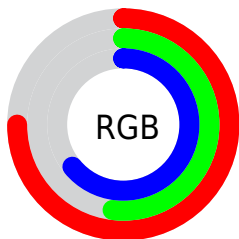
Format	Color
R_{YB}	190, 133, 164
Decimal	12486052
CIE Lab	62.00, 26.64, -7.65
CIE LCh	62, 27.713, 343.986
Yxy	30.4025, 0.3433, 0.2874
Android (android.graphics.Color)	4290676132 (0xFFBE85A4)
YUV	153.5770, 5.1385, 31.9430
Hunter-Lab	55.1385, 21.0984, -3.4211

Details

The CIELCh color $62, 27.713, 343.986$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $72, 26.916, 158.678$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 27.531, 344.017$, and $42, 27.433, 344.661$ is the 20% darker color. If you saturate the color by 10%, you get $57, 36.877, 345.083$, and if you desaturate by 10%, it is $67, 18.386, 343.012$.

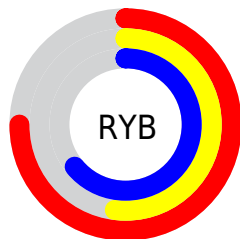
Distribution



Red (75%)

Green (52%)

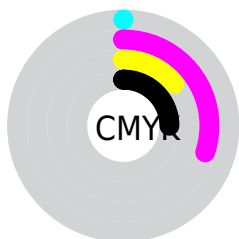
Blue (64%)



Red (75%)

Yellow (52%)

Blue (64%)

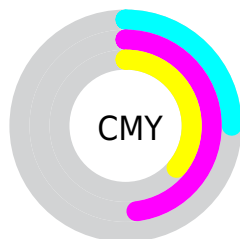


Cyan (0%)

Magenta (30%)

Yellow (14%)

Black (25%)



Cyan (25%)

Magenta (48%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 27.713, 343.986 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, 27.713, 343.986 by changing the saturation by 10% instead.

 62, 27.713,
343.986

 62, 27.713,
343.986


 100, 27.713,
343.986


 52, 27.713,
343.986

 82, 27.713,
343.986


 42, 27.713,
343.986


 92, 27.713,
343.986

 32, 27.713,
343.986

 22, 27.713,
343.986

 12, 27.713,
343.986

 2, 27.713, 343.986

 0, 27.713, 343.986

62, 27.713,
343.986

62, 27.713,
343.986

57, 36.877,
345.083

67, 18.386,
343.012

53, 45.588,
346.340

72, 9.109, 342.118

77, 0.008, 288.859

49, 53.444,
347.820

82, 8.852, 160.678

46, 59.980,
349.608

87, 17.428,
159.984

44, 64.751,
351.822

93, 25.712,
159.353

42, 67.492,
354.605


95, 27.422,
163.113

41, 68.588,
357.982

95, 24.835,
171.204

41, 68.588,

357.982

 96, 22.791,
180.901

Harmonies

Complementary

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



62, 27.713, 343.986



72, 26.916, 158.678

Rectangle

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



62, 27.713, 343.986



62, 27.713, 33.986



62, 27.713, 163.986



62, 27.713, 213.986

Sweetspot

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



62, 27.711, 343.987



92, 10.149, 342.044



60, 33.593, 308.855



48, 7.121, 342.172



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



62, 27.711, 343.987



75, 41.185, 344.693



61, 23.456, 18.061



37, 5.131, 342.061



34, 59.977, 357.409



3, 14.316, 349.016

Inverse Universe

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



62, 27.711, 343.987



75, 41.185, 344.693



73, 19.513, 193.324



37, 5.131, 342.061



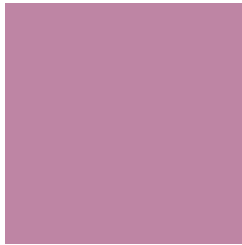
34, 59.977, 357.409



3, 14.316, 349.016

Previews

White Background



This preview shows how the CIELCh color 62, 27.713, 343.986 looks on a white background.

Color Contrast Check

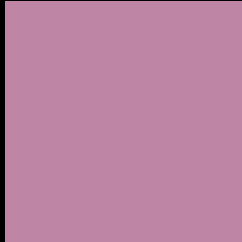
Large Text (above 18pt) WCAG AA × Fail

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, 27.713, 343.986 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

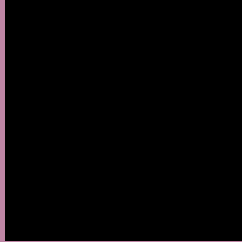
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 27.713, 343.986

Background



This preview shows how black text looks on a background with the CIELCh color 62, 27.713, 343.986.



This preview shows how white text looks on a background with the CIELCh color 62, 27.713, 343.986.

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, 27.713, 343.986

Protanopia

62, 14.049, 287.324

Deuteranopia

62, 10.289, 319.598



Tritanopia
62, 21.605, 5.363

Trichromacy



Original Color
62, 27.713, 343.986

Protanomaly
62, 16.808, 316.503

Deuteranomaly
62, 16.588, 333.101

Tritanomaly
62, 23.411, 356.731

Monochromacy



Original Color
62, 27.713, 343.986

Achromatopsia
64, 0.008, 296.813

Achromatomaly
63, 10.536, 340.937

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 27.713, 343.986 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, 133, 164)` looks like.

```
.text, #text, p{  
    color:rgb(190, 133, 164)  
}
```

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, 133, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 133, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 27.713, 343.986 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, 133, 164) }
```

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

```
.border{ border-color:rgb(190, 133, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 133, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 133, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 133, 164);  
box-shadow:4px 4px 4px 4px rgb(190, 133,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 27.713, 343.986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 133, 164) }
```

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

```
.background{ background-color: rgb(190,  
133, 164) }
```

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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