

Converting Colors

CIELCh(62, 26.318, 348.514)

Have a look what the booklet for
CIELCh(62, 26.318, 348.514)
contains.

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Color

CIELCh(62, 26.560, 347.945)

Conversions

Conversions Part 1

Format	Color
Hex	BE85A0
RGB	190, 133, 160
RGB Percent	75%, 52%, 63%
CMY	0.2536, 0.4772, 0.3713
CMYK	0.00, 0.30, 0.16, 0.25
HSL	332°, 31%, 63%
HSV	332°, 30%, 75%
XYZ	36.1249, 30.4025, 37.3707
YIQ	153.1210, 25.3050, 20.4810

Conversions

Conversions Part 2

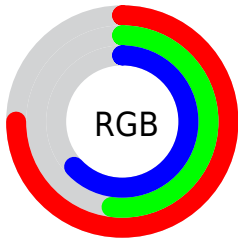
Format	Color
R_{YB}	190, 133, 160
Decimal	12486048
CIE Lab	62.00, 25.97, -5.55
CIE LCh	62, 26.560, 347.945
Yxy	30.4025, 0.3477, 0.2926
Android (android.graphics.Color)	4290676128 (0xFFBE85A0)
YUV	153.1210, 3.3913, 32.3429
Hunter-Lab	55.1385, 20.4547, -1.5875

Details

The CIELCh color $62, 26.560, 347.945$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $73, 25.470, 162.299$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 26.419, 347.767$, and $42, 26.541, 347.895$ is the 20% darker color. If you saturate the color by 10%, you get $57, 35.450, 349.176$, and if you desaturate by 10%, it is $67, 17.566, 346.871$.

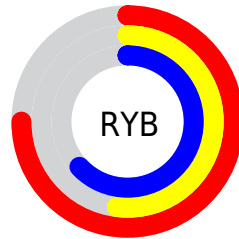
Distribution



Red (75%)

Green (52%)

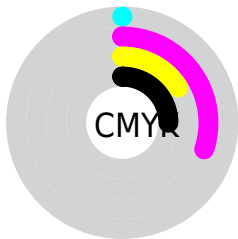
Blue (63%)



Red (75%)

Yellow (52%)

Blue (63%)

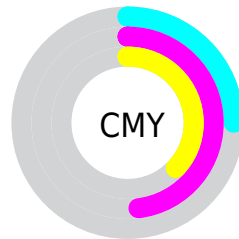


Cyan (0%)

Magenta (30%)

Yellow (16%)

Black (25%)



Cyan (25%)


Magenta (48%)


Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 26.560, 347.945 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, 26.560, 347.945 by changing the saturation by 10% instead.


 62, 26.560,
347.945


 62, 26.560,
347.945


 100, 26.560,
347.945


 52, 26.560,
347.945


 82, 26.560,
347.945

 42, 26.560,
347.945

 92, 26.560,
347.945

 32, 26.560,
347.945

 22, 26.560,
347.945

 12, 26.560,
347.945

 2, 26.560, 347.945

 0, 26.560, 347.945

62, 26.560,
347.945

62, 26.560,
347.945

57, 35.450,
349.176

67, 17.566,
346.871

53, 43.963,
350.615

72, 8.665, 345.901

77, 0.032, 177.619

49, 51.714,
352.343

82, 8.461, 164.373

46, 58.256,
354.470

88, 16.596,
163.645

44, 63.166,
357.141

93, 24.432,
162.989

42, 66.210, 0.523

95, 25.548,
168.238

41, 67.797, 4.616

96, 23.005,
179.006

41, 67.805, 4.634

■ 96, 21.373,
191.855

Harmonies

Complementary

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



62, 26.560, 347.945



73, 25.470, 162.299

Rectangle

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



62, 26.560, 347.945



62, 26.560, 37.945



62, 26.560, 167.945



62, 26.560, 217.945

Sweetspot

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



62, 26.558, 347.947



92, 9.680, 345.825



60, 33.932, 311.065



48, 6.794, 345.964



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, 26.558, 347.947



75, 39.538, 348.741



61, 23.241, 23.102



37, 4.894, 345.844



34, 59.138, 3.933



3, 13.752, 353.153

Inverse Universe

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



62, 26.558, 347.947



75, 39.538, 348.741



73, 18.931, 199.537



37, 4.894, 345.844



34, 59.138, 3.933



3, 13.752, 353.153

Previews

White Background



This preview shows how the CIELCh color 62, 26.560, 347.945 looks on a white background.

Color Contrast Check

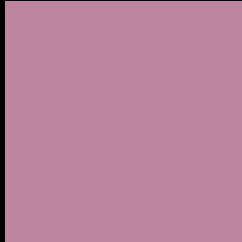
Large Text (above 18pt) WCAG AA × Fail

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, 26.560, 347.945 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

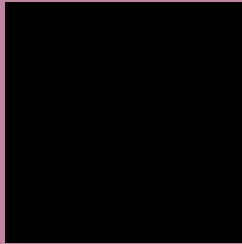
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 26.560, 347.945

Background



This preview shows how black text looks on a background with the CIELCh color 62, 26.560, 347.945.



This preview shows how white text looks on a background with the CIELCh color 62, 26.560, 347.945.

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, 26.560, 347.945

Protanopia

62, 11.796, 287.942

Deuteranopia

62, 8.885, 331.066



Tritanopia
62, 21.905, 7.138

Trichromacy



Original Color
62, 26.560, 347.945

Protanomaly
62, 15.009, 321.477

Deuteranomaly
62, 15.638, 340.946

Tritanomaly
62, 23.060, 359.310

Monochromacy



Original Color
62, 26.560, 347.945

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 9.885, 345.989

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 26.560, 347.945 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, 160)` looks like.

```
.text, #text, p{  
    color:rgb(190, 133, 160)  
}
```

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, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 133, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 26.560, 347.945 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, 160) }
```

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

```
.border{ border-color:rgb(190, 133, 160) }
```

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, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 133, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 133, 160);  
box-shadow:4px 4px 4px 4px rgb(190, 133,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 26.560, 347.945 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, 160) }
```

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

```
.background{ background-color: rgb(190,  
133, 160) }
```

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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