

Converting Colors

CIELCh(61, 34.632, 333.019)

Have a look what the booklet for
CIELCh(61, 34.632, 333.019)
contains.

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Color

CIELCh(61, 34.295, 333.196)

Conversions

Conversions Part 1

Format	Color
Hex	BC80AF
RGB	188, 128, 175
RGB Percent	74%, 50%, 69%
CMY	0.2625, 0.4978, 0.3135
CMYK	0.00, 0.32, 0.07, 0.26
HSL	313°, 31%, 62%
HSV	313°, 32%, 74%
XYZ	36.2223, 29.2481, 44.3223
YIQ	151.2980, 20.6730, 27.3370

Conversions

Conversions Part 2

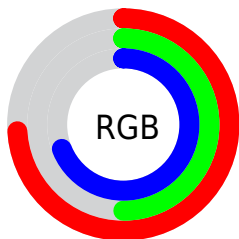
Format	Color
R_{YB}	188, 128, 175
Decimal	12353711
CIE _{Lab}	61.00, 30.61, -15.46
CIE _{LCh}	61, 34.295, 333.196
Yxy	29.2481, 0.3299, 0.2664
Android (android.graphics.Color)	4290543791 (0xFFBC80AF)
YUV	151.2980, 11.6851, 32.1877
Hunter-Lab	54.0815, 24.9117, -10.7338

Details

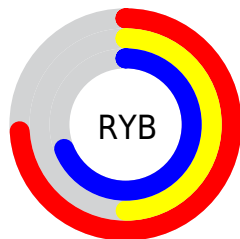
The CIELCh color $61, 34.295, 333.196$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $71, 34.119, 148.656$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 34.178, 333.006$, and $41, 33.886, 333.724$ is the 20% darker color. If you saturate the color by 10%, you get $57, 44.666, 333.909$, and if you desaturate by 10%, it is $66, 23.569, 332.510$.

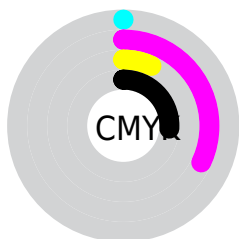
Distribution



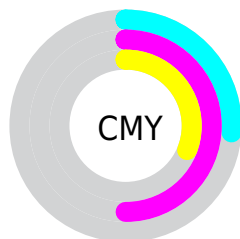
- Red (74%)
- Green (50%)
- Blue (69%)



- Red (74%)
- Yellow (50%)
- Blue (69%)



- Cyan (0%)
- Magenta (32%)
- Yellow (7%)
- Black (26%)





- Cyan (26%)
- Magenta (50%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 34.295, 333.196 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 61, 34.295, 333.196 by changing the saturation by 10% instead.

 61, 34.295,
333.196


 61, 34.295,
333.196


 100, 34.295,
333.196


 51, 34.295,
333.196


 81, 34.295,
333.196

 41, 34.295,
333.196

 91, 34.295,
333.196

 31, 34.295,
333.196

 21, 34.295,
333.196

 11, 34.295,
333.196

 1, 34.295, 333.196

 0, 34.295, 333.196

61, 34.295,
333.196

61, 34.295,
333.196

57, 44.666,
333.909

66, 23.569,
332.510

53, 54.332,
334.652

70, 12.756,
331.842

49, 62.845,
335.435

75, 2.030, 331.089

47, 69.718,
336.276

80, 8.495, 150.671

45, 74.521,
337.204

85, 18.757,
150.079


43, 77.024,
338.258

91, 28.722,
149.530

42, 77.738,
339.207

95, 35.594,
149.671

95, 34.001,
151.916

 95, 32.453,
154.366

Harmonies

Complementary

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



61, 34.295, 333.196



71, 34.119, 148.656

Rectangle

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



61, 34.295, 333.196



61, 34.295, 23.196



61, 34.295, 153.196



61, 34.295, 203.196

Sweetspot

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



61, 34.293, 333.196



90, 13.260, 331.727



57, 34.683, 301.206



47, 9.051, 331.820



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



61, 34.293, 333.196



74, 50.365, 333.672



60, 25.647, 0.700



37, 6.079, 331.673



35, 68.514, 339.030



3, 17.344, 335.114

Inverse Universe

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



61, 34.293, 333.196



74, 50.365, 333.672



72, 23.208, 173.996



37, 6.079, 331.673



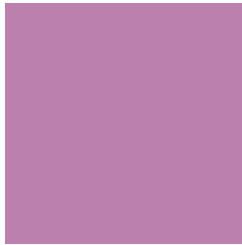
35, 68.514, 339.030



3, 17.344, 335.114

Previews

White Background



This preview shows how the CIELCh color 61, 34.295, 333.196 looks on a white background.

Color Contrast Check

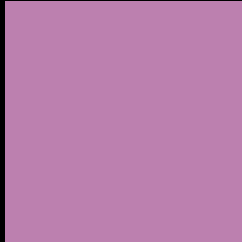
Large Text (above 18pt) WCAG AA ✓ Pass

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 61, 34.295, 333.196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

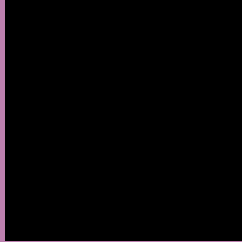
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 34.295, 333.196

Background



This preview shows how black text looks on a background with the CIELCh color 61, 34.295, 333.196.



This preview shows how white text looks on a background with the CIELCh color 61, 34.295, 333.196.

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

61, 34.295, 333.196

Protanopia

61, 23.190, 285.169

Deuteranopia

61, 15.976, 299.712



Tritanopia
61, 20.777, 6.157

Trichromacy



Original Color
61, 34.295, 333.196

Protanomaly
61, 25.662, 306.337

Deuteranomaly
61, 22.010, 317.925

Tritanomaly
61, 24.249, 350.177

Monochromacy



Original Color
61, 34.295, 333.196

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 12.508, 330.956

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 34.295, 333.196 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(188, 128, 175)` looks like.

```
.text, #text, p{  
    color:rgb(188, 128, 175)  
}
```

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(188, 128, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 128, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 34.295, 333.196 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(188, 128, 175) }
```

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

```
.border{ border-color:rgb(188, 128, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 128, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 128, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 128, 175);  
box-shadow:4px 4px 4px 4px rgb(188, 128,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 34.295, 333.196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 128, 175) }
```

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

```
.background{ background-color: rgb(188,  
128, 175) }
```

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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