

Converting Colors

CIELCh(60, 31.299, 340.189)

Have a look what the booklet for
CIELCh(60, 31.299, 340.189)
contains.

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Color

CIELCh(60, 31.299, 340.189)

Conversions

Conversions Part 1

Format	Color
Hex	BB7EA4
RGB	187, 126, 164
RGB Percent	73%, 49%, 64%
CMY	0.2671, 0.5063, 0.3573
CMYK	0.00, 0.33, 0.12, 0.27
HSL	323°, 31%, 61%
HSV	323°, 33%, 73%
XYZ	34.6061, 28.1233, 38.6767
YIQ	148.5710, 24.1580, 24.7500

Conversions

Conversions Part 2

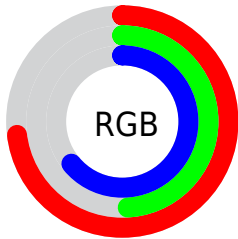
Format	Color
R_{YB}	187, 126, 164
Decimal	12287652
CIE _{Lab}	60.00, 29.45, -10.61
CIE _{LCh}	60, 31.299, 340.189
Yxy	28.1233, 0.3413, 0.2773
Android (android.graphics.Color)	4290477732 (0xFFBB7EA4)
YUV	148.5710, 7.6065, 33.7022
Hunter-Lab	53.0314, 23.6766, -6.1191

Details

The CIELCh color $60, 31.299, 340.189$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $71, 30.697, 154.766$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 31.571, 340.052$, and $40, 31.142, 340.636$ is the 20% darker color. If you saturate the color by 10%, you get $56, 40.631, 341.165$, and if you desaturate by 10%, it is $65, 21.682, 339.304$.

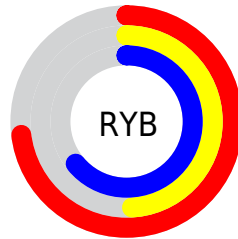
Distribution



Red (73%)

Green (49%)

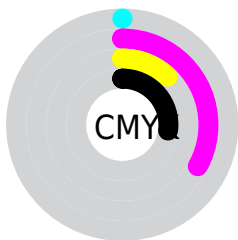
Blue (64%)



Red (73%)

Yellow (49%)

Blue (64%)

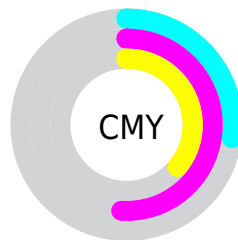


Cyan (0%)

Magenta (33%)

Yellow (12%)

Black (27%)



Cyan (27%)


Magenta (51%)


Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 31.299, 340.189 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, 31.299, 340.189 by changing the saturation by 10% instead.


 60, 31.299,
340.189


 60, 31.299,
340.189


 100, 31.299,
340.189


 50, 31.299,
340.189


 80, 31.299,
340.189

 40, 31.299,
340.189

 90, 31.299,
340.189


 30, 31.299,
340.189

 20, 31.299,
340.189

 10, 31.299,
340.189

 0, 31.299, 340.189

 60, 31.299,

 60, 31.299,

340.189

340.189

56, 40.631,
341.165

65, 21.682,
339.304

52, 49.349,
342.262

70, 12.027,
338.485

48, 57.022,
343.523

75, 2.487, 337.629

45, 63.171,
345.015

80, 6.843, 157.125

43, 67.373,
346.826

85, 15.911,
156.451


42, 69.418,
349.068

90, 24.696,
155.839

41, 69.930,
350.975

95, 32.181,
155.741

95, 29.689,
160.677

 95, 27.417,
166.436

Harmonies

Complementary

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



60, 31.299, 340.189



71, 30.697, 154.766

Rectangle

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



60, 31.299, 340.189



60, 31.299, 30.189



60, 31.299, 160.189



60, 31.299, 210.189

Sweetspot

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



60, 31.297, 340.190



89, 11.729, 338.288



57, 35.809, 306.248



47, 8.077, 338.400



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



60, 31.297, 340.190



73, 46.018, 340.862



59, 25.347, 12.018



37, 5.422, 338.224



34, 61.938, 350.580



3, 15.117, 344.312

Inverse Universe

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



60, 31.297, 340.190



73, 46.018, 340.862



72, 21.497, 185.741



37, 5.422, 338.224



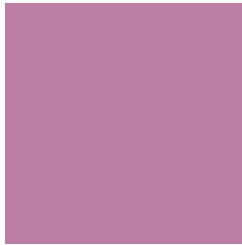
34, 61.938, 350.580



3, 15.117, 344.312

Previews

White Background



This preview shows how the CIELCh color 60, 31.299, 340.189 looks on a white background.

Color Contrast Check

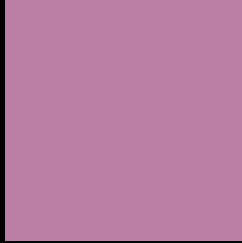
Large Text (above 18pt) WCAG AA ✓ Pass

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, 31.299, 340.189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

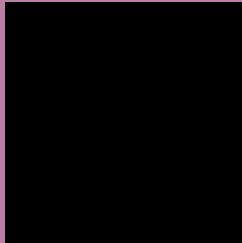
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 31.299, 340.189

Background



This preview shows how black text looks on a background with the CIELCh color 60, 31.299, 340.189.

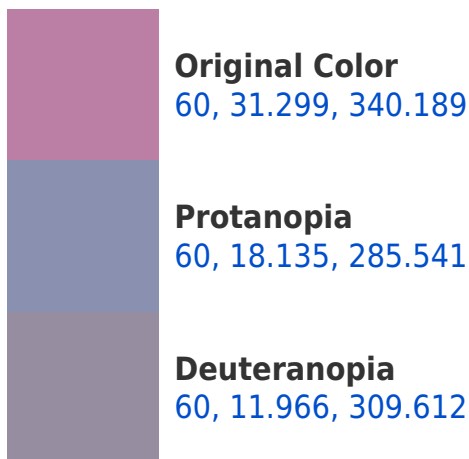


This preview shows how white text looks on a background with the CIELCh color 60, 31.299, 340.189.

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





Tritanopia
60, 22.477, 7.578

Trichromacy



Original Color
60, 31.299, 340.189

Protanomaly
60, 21.082, 311.448

Deuteranomaly
60, 18.154, 327.364

Tritanomaly
60, 24.680, 355.333

Monochromacy



Original Color
60, 31.299, 340.189

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 11.623, 337.935

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 31.299, 340.189 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(187, 126, 164)` looks like.

```
.text, #text, p{  
    color:rgb(187, 126, 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(187, 126, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 126, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 31.299, 340.189 is called "border". The border property can be set on classes, ids or directly on the HTML element.

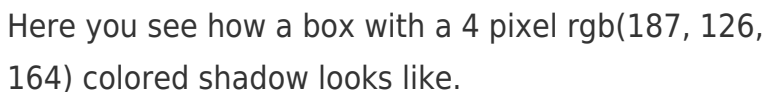
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 126, 164) }
```

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

```
.border{ border-color:rgb(187, 126, 164) }
```

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



Here you see how a box with a 4 pixel `rgb(187, 126, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 126, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 126, 164);  
box-shadow:4px 4px 4px 4px rgb(187, 126,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 31.299, 340.189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 126, 164) }
```

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

```
.background{ background-color: rgb(187,  
126, 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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