

Converting Colors

CIELCh(60, 34.492, 334.933)

Have a look what the booklet for
CIELCh(60, 34.492, 334.933)
contains.

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Color

CIELCh(60, 34.461, 334.921)

Conversions

Conversions Part 1

Format	Color
Hex	BB7DAB
RGB	187, 125, 171
RGB Percent	73%, 49%, 67%
CMY	0.2671, 0.5102, 0.3299
CMYK	0.00, 0.33, 0.09, 0.27
HSL	315°, 31%, 61%
HSV	315°, 33%, 73%
XYZ	35.1220, 28.1233, 42.0460
YIQ	148.7820, 22.1860, 27.4500

Conversions

Conversions Part 2

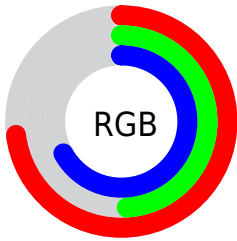
Format	Color
RYB	187, 125, 171
Decimal	12287403
CIELab	60.00, 31.21, -14.61
CIElCh	60, 34.461, 334.921
Yxy	28.1233, 0.3336, 0.2671
Android (android.graphics.Color)	4290477483 (0xFFBB7DAB)
YUV	148.7820, 10.9535, 33.5172
Hunter-Lab	53.0314, 25.4133, -9.8861

Details

The CIELCh color $60, 34.461, 334.921$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $71, 34.195, 149.993$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 34.599, 335.096$, and $40, 34.432, 334.941$ is the 20% darker color. If you saturate the color by 10%, you get $56, 44.448, 335.697$, and if you desaturate by 10%, it is $65, 24.102, 334.187$.

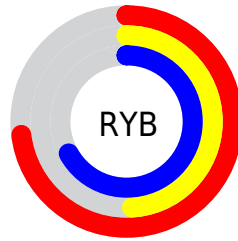
Distribution



Red (73%)

Green (49%)

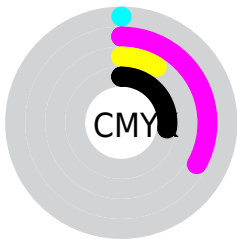
Blue (67%)



Red (73%)

Yellow (49%)

Blue (67%)

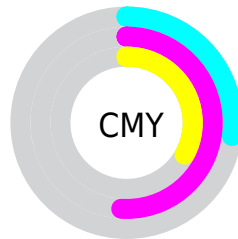


Cyan (0%)

Magenta (33%)

Yellow (9%)

Black (27%)



Cyan (27%)


Magenta (51%)


Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 34.461, 334.921 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, 34.461, 334.921 by changing the saturation by 10% instead.


 60, 34.461,
334.921


 60, 34.461,
334.921


 100, 34.461,
334.921


 50, 34.461,
334.921


 80, 34.461,
334.921

 40, 34.461,
334.921

 90, 34.461,
334.921


 30, 34.461,
334.921

 20, 34.461,
334.921

 10, 34.461,
334.921

 0, 34.461, 334.921

 60, 34.461,

 60, 34.461,

334.921

334.921

56, 44.448,
335.697

65, 24.102,
334.187

52, 53.710,
336.525

69, 13.644,
333.483

49, 61.797,
337.423

74, 3.263, 332.752

46, 68.224,
338.420

79, 6.928, 152.267

44, 72.574,
339.560

84, 16.864,
151.648


42, 74.649,
340.900

90, 26.512,
151.081

42, 75.136,
341.919

95, 35.445,
150.666

95, 33.587,
153.405

 95, 31.797,
156.441

Harmonies

Complementary

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



60, 34.461, 334.921



71, 34.195, 149.993

Rectangle

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



60, 34.461, 334.921



60, 34.461, 24.921



60, 34.461, 154.921



60, 34.461, 204.921

Sweetspot

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



60, 34.459, 334.922



89, 12.766, 333.275



56, 36.040, 302.428



47, 8.789, 333.373



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, 34.459, 334.922



72, 51.008, 335.497



59, 26.307, 3.306



37, 5.902, 333.219



35, 66.544, 341.698



3, 16.688, 337.409

Inverse Universe

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



60, 34.459, 334.922



72, 51.008, 335.497



71, 23.398, 176.298



37, 5.902, 333.219



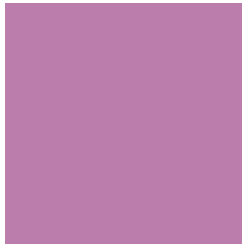
35, 66.544, 341.698



3, 16.688, 337.409

Previews

White Background



This preview shows how the CIELCh color 60, 34.461, 334.921 looks on a white background.

Color Contrast Check

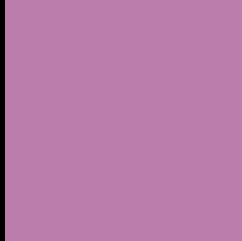
Large Text (above 18pt) WCAG AA ✓ Pass

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, 34.461, 334.921 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

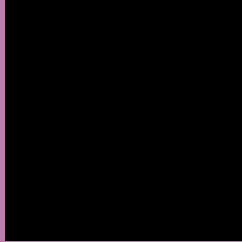
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 34.461, 334.921

Background



This preview shows how black text looks on a background with the CIELCh color 60, 34.461, 334.921.



This preview shows how white text looks on a background with the CIELCh color 60, 34.461, 334.921.

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
60, 34.461, 334.921

Protanopia
60, 23.243, 286.048

Deuteranopia
60, 15.535, 301.317



Tritanopia
60, 21.652, 6.907

Trichromacy



Original Color
60, 34.461, 334.921

Protanomaly
60, 25.295, 307.437

Deuteranomaly
60, 21.751, 319.504

Tritanomaly
60, 24.997, 351.309

Monochromacy



Original Color
60, 34.461, 334.921

Achromatopsia
62, 0.008, 296.813

Achromatomaly
61, 13.057, 333.648

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 34.461, 334.921 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, 125, 171)` looks like.

```
.text, #text, p{  
    color:rgb(187, 125, 171)  
}
```

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, 125, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 125, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 34.461, 334.921 is called "border". The border property can be set on classes, ids or directly on the HTML element.

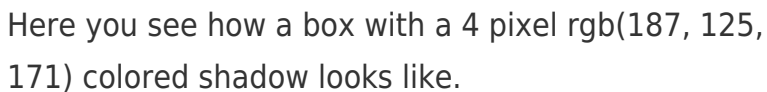
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 125, 171) }
```

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

```
.border{ border-color:rgb(187, 125, 171) }
```

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



Here you see how a box with a 4 pixel `rgb(187, 125, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 125, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 125, 171); box-shadow:4px 4px 4px 4px rgb(187, 125, 171) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 34.461, 334.921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 125, 171) }
```

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

```
.background{ background-color: rgb(187,  
125, 171) }
```

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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