

Converting Colors

CIELCh(65, 30.316, 325.122)

Have a look what the booklet for
CIELCh(65, 30.316, 325.122)
contains.

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Color

CIELCh(65, 30.334, 325.138)

Conversions

Conversions Part 1

Format	Color
Hex	BC8FBD
RGB	188, 143, 189
RGB Percent	74%, 56%, 74%
CMY	0.2624, 0.4389, 0.2585
CMYK	0.01, 0.24, 0.00, 0.26
HSL	299°, 26%, 65%
HSV	299°, 24%, 74%
XYZ	39.7869, 34.0472, 52.6648
YIQ	161.6990, 12.0540, 23.8460

Conversions

Conversions Part 2

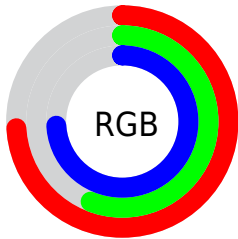
Format	Color
RYB	188, 143, 189
Decimal	12357565
CIELab	65.00, 24.89, -17.34
CIELCh	65, 30.334, 325.138
Yxy	34.0472, 0.3145, 0.2691
Android (android.graphics.Color)	4290547645 (0xFFBC8FBD)
YUV	161.6990, 13.4594, 23.0660
Hunter-Lab	58.3500, 19.6009, -12.6683

Details

The CIELCh color $65, 30.334, 325.138$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $72, 30.291, 142.311$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 30.329, 325.512$, and $45, 30.582, 324.820$ is the 20% darker color. If you saturate the color by 10%, you get $61, 42.651, 325.648$, and if you desaturate by 10%, it is $70, 17.826, 324.608$.

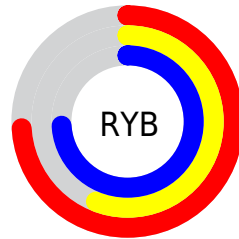
Distribution



Red (74%)

Green (56%)

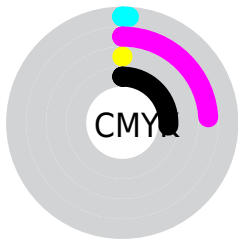
Blue (74%)



Red (74%)

Yellow (56%)

Blue (74%)

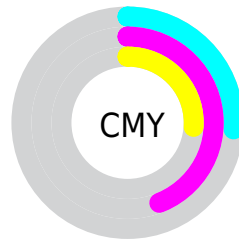


Cyan (1%)

Magenta (24%)

Yellow (0%)

Black (26%)



Cyan (26%)


Magenta (44%)


Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 30.334, 325.138 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 65, 30.334, 325.138 by changing the saturation by 10% instead.


 65, 30.334,
325.138


 65, 30.334,
325.138


 100, 30.334,
325.138


 55, 30.334,
325.138


 85, 30.334,
325.138

 45, 30.334,
325.138

 95, 30.334,
325.138

 35, 30.334,
325.138

 25, 30.334,
325.138

 15, 30.334,
325.138

 5, 30.334, 325.138

 0, 30.334, 325.138

65, 30.334,
325.138

65, 30.334,
325.138

61, 42.651,
325.648

70, 17.826,
324.608

57, 54.470,
326.122

75, 5.355, 324.047

79, 6.930, 143.605

53, 65.386,
326.544

85, 18.936,
143.075

50, 74.929,
326.894

90, 30.612,
142.583

47, 82.624,
327.155

94, 41.023,
142.142

46, 88.108,
327.315


94, 40.940,
141.990

45, 91.263,
327.371

94, 40.857,
141.838

44, 92.384,

327.374

 94, 40.775,
141.684

Harmonies

Complementary

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



65, 30.334, 325.138



72, 30.291, 142.311

Rectangle

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



65, 30.334, 325.138



65, 30.334, 15.138



65, 30.334, 145.138



65, 30.334, 195.138

Sweetspot

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



65, 30.332, 325.138



92, 10.699, 324.212



61, 25.032, 291.705



49, 6.951, 324.245



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



65, 30.332, 325.138



80, 44.552, 325.403



64, 22.189, 343.981



37, 7.020, 324.337



37, 80.926, 327.385



3, 21.239, 324.509

Inverse Universe

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



64, 18.622, 19.562



78, 27.888, 20.160



73, 21.633, 159.786



37, 4.095, 18.157



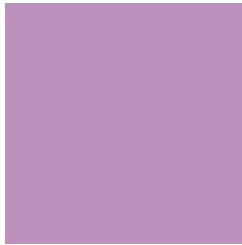
32, 71.960, 38.790



3, 12.258, 18.151

Previews

White Background



This preview shows how the CIELCh color 65, 30.334, 325.138 looks on a white background.

Color Contrast Check

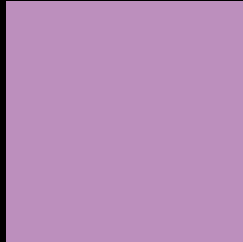
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 65, 30.334, 325.138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

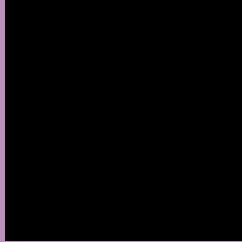
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 30.334, 325.138

Background



This preview shows how black text looks on a background with the CIELCh color 65, 30.334, 325.138.

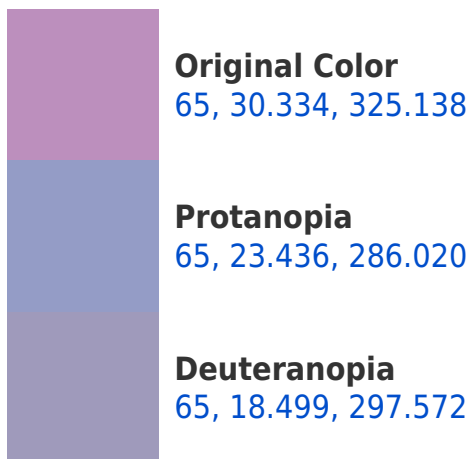


This preview shows how white text looks on a background with the CIELCh color 65, 30.334, 325.138.

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
65, 15.484, 355.616

Trichromacy



Original Color
65, 30.334, 325.138

Protanomaly
65, 24.959, 302.303

Deuteranomaly
65, 22.443, 310.893

Tritanomaly
65, 20.265, 338.333

Monochromacy



Original Color
65, 30.334, 325.138

Achromatopsia
67, 0.008, 296.813

Achromatomaly
66, 11.229, 323.334

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 30.334, 325.138 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, 143, 189)` looks like.

```
.text, #text, p{  
    color:rgb(188, 143, 189)  
}
```

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, 143, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 143, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 30.334, 325.138 is called "border". The border property can be set on classes, ids or directly on the HTML element.

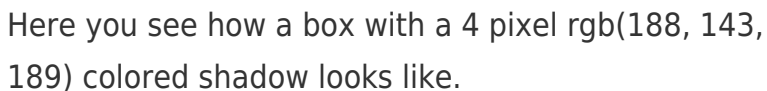
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(188, 143, 189) }
```

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

```
.border{ border-color:rgb(188, 143, 189) }
```

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



Here you see how a box with a 4 pixel rgb(188, 143, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 143, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 143, 189);  
box-shadow:4px 4px 4px 4px rgb(188, 143,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 30.334, 325.138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 143, 189) }
```

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

```
.background{ background-color: rgb(188,  
143, 189) }
```

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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