

Converting Colors

CIELCh(65, 34.865, 321.185)

Have a look what the booklet for
CIELCh(65, 34.865, 321.185)
contains.

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Color

CIELCh(65, 34.679, 321.149)

Conversions

Conversions Part 1

Format	Color
Hex	BC8EC5
RGB	188, 142, 197
RGB Percent	74%, 56%, 77%
CMY	0.2629, 0.4433, 0.2276
CMYK	0.05, 0.28, 0.00, 0.23
HSL	290°, 32%, 66%
HSV	290°, 28%, 77%
XYZ	40.4665, 34.0472, 57.2341
YIQ	162.0240, 9.7610, 26.8570

Conversions

Conversions Part 2

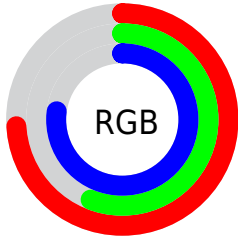
Format	Color
R _Y B	188, 142, 197
Decimal	12357317
CIE Lab	65.00, 27.01, -21.75
CIE LCh	65, 34.679, 321.149
Yxy	34.0472, 0.3072, 0.2584
Android (android.graphics.Color)	4290547397 (0xFFBC8EC5)
YUV	162.0240, 17.2432, 22.7810
Hunter-Lab	58.3500, 21.6796, -17.3112

Details

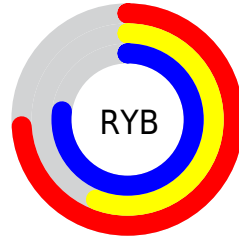
The CIELCh color $65, 34.679, 321.149$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $75, 34.331, 138.375$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 34.892, 321.189$, and $45, 34.704, 321.192$ is the 20% darker color. If you saturate the color by 10%, you get $60, 47.045, 321.582$, and if you desaturate by 10%, it is $70, 22.169, 320.692$.

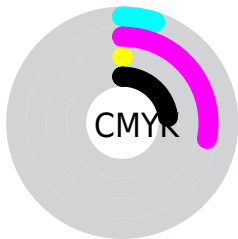
Distribution



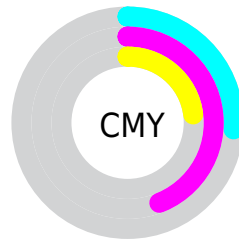
- Red (74%)
- Green (56%)
- Blue (77%)



- Red (74%)
- Yellow (56%)
- Blue (77%)



- Cyan (5%)
- Magenta (28%)
- Yellow (0%)
- Black (23%)





- Cyan (26%)
- Magenta (44%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 34.679, 321.149 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, 34.679, 321.149 by changing the saturation by 10% instead.


 65, 34.679,
321.149


 65, 34.679,
321.149


 100, 34.679,
321.149


 55, 34.679,
321.149


 85, 34.679,
321.149

 45, 34.679,
321.149

 95, 34.679,
321.149

 35, 34.679,
321.149

 25, 34.679,
321.149

 15, 34.679,
321.149

 5, 34.679, 321.149

 0, 34.679, 321.149

65, 34.679,
321.149

65, 34.679,
321.149

60, 47.045,
321.582

70, 22.169,
320.692

56, 58.972,
321.969

75, 9.729, 320.223

51, 70.044,
322.280

81, 2.514, 139.882

48, 79.750,
322.479

86, 14.479,
139.380

45, 87.540,
322.527

91, 26.124,
138.966

43, 92.962,
322.388

96, 34.361,
138.274


41, 95.972,
322.052

96, 33.772,
136.677

41, 96.484,

96, 33.208,
135.008

321.974

 96, 32.671,
133.267

Harmonies

Complementary

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



65, 34.679, 321.149



75, 34.331, 138.375

Rectangle

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



65, 34.679, 321.149



65, 34.679, 11.149



65, 34.679, 141.149



65, 34.679, 191.149

Sweetspot

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



65, 34.677, 321.149



95, 12.118, 320.232



63, 25.715, 286.100



50, 8.622, 320.305



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



65, 34.677, 321.149



78, 52.073, 321.439



65, 28.791, 337.742



39, 7.028, 320.293



34, 83.900, 322.055



4, 24.867, 320.070

Inverse Universe

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



65, 22.451, 9.035



78, 34.234, 10.011



75, 28.419, 153.401



39, 4.372, 6.842



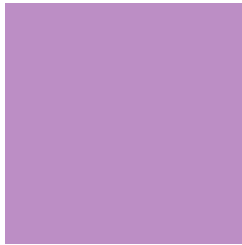
34, 67.822, 31.520



3, 16.090, 10.986

Previews

White Background



This preview shows how the CIELCh color 65, 34.679, 321.149 looks on a white background.

Color Contrast Check

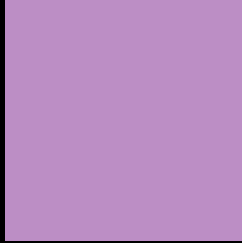
Large Text (above 18pt) WCAG AA × Fail

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, 34.679, 321.149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

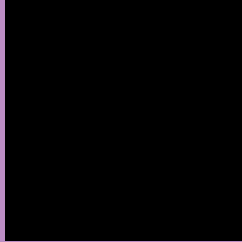
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 34.679, 321.149

Background



This preview shows how black text looks on a background with the CIELCh color 65, 34.679, 321.149.

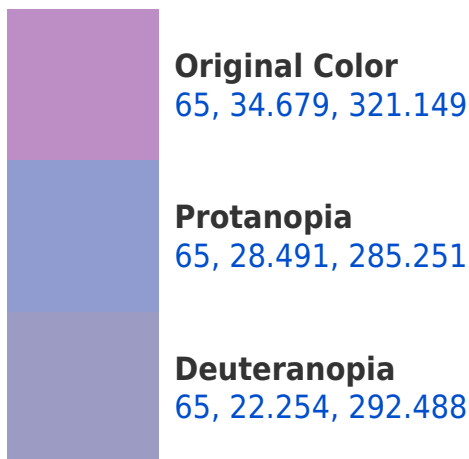



This preview shows how white text looks on a background with the CIELCh color 65, 34.679, 321.149.

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, 14.545, 356.169

Trichromacy



Original Color
65, 34.679, 321.149

Protanomaly
65, 29.205, 299.119

Deuteranomaly
65, 26.408, 305.730

Tritanomaly
65, 20.998, 336.070

Monochromacy



Original Color
65, 34.679, 321.149

Achromatopsia
67, 0.008, 296.813

Achromatomaly
66, 12.652, 319.295

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 34.679, 321.149 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, 142, 197)` looks like.

```
.text, #text, p{  
    color:rgb(188, 142, 197)  
}
```

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, 142, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 142, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 34.679, 321.149 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, 142, 197) }
```

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

```
.border{ border-color:rgb(188, 142, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 142, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 142, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 142, 197);  
box-shadow:4px 4px 4px 4px rgb(188, 142,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 34.679, 321.149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 142, 197) }
```

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

```
.background{ background-color: rgb(188,  
142, 197) }
```

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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