

Converting Colors

CIELCh(65, 34.382, 309.812)

Have a look what the booklet for
CIELCh(65, 34.382, 309.812)
contains.

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Color

CIELCh(65, 34.360, 309.613)

Conversions

Conversions Part 1

Format	Color
Hex	AE92CD
RGB	174, 146, 205
RGB Percent	68%, 57%, 80%
CMY	0.3169, 0.4268, 0.1954
CMYK	0.15, 0.29, 0.00, 0.20
HSL	268°, 37%, 69%
HSV	268°, 29%, 80%
XYZ	38.8428, 34.0472, 62.3987
YIQ	161.0980, -2.2510, 24.2850

Conversions

Conversions Part 2

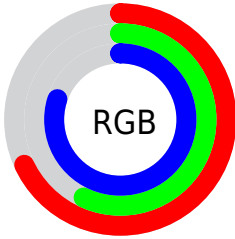
Format	Color
RYB	174, 146, 205
Decimal	11440845
CIELab	65.00, 21.91, -26.47
CIELCh	65, 34.360, 309.613
Yxy	34.0472, 0.2871, 0.2517
Android (android.graphics.Color)	4289630925 (0xFFAE92CD)
YUV	161.0980, 21.6437, 11.3151
Hunter-Lab	58.3500, 16.7128, -22.5590

Details

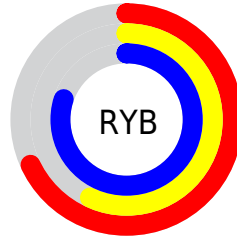
The CIELCh color $65, 34.360, 309.613$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $79, 32.934, 126.823$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 30.853, 311.620$, and $45, 34.767, 309.703$ is the 20% darker color. If you saturate the color by 10%, you get $59, 46.827, 310.182$, and if you desaturate by 10%, it is $71, 22.113, 309.070$.

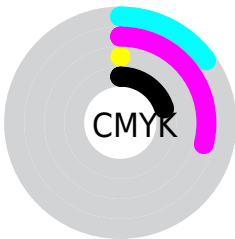
Distribution



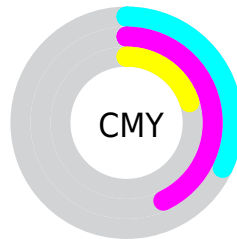
- Red (68%)
- Green (57%)
- Blue (80%)



- Red (68%)
- Yellow (57%)
- Blue (80%)



- Cyan (15%)
- Magenta (29%)
- Yellow (0%)
- Black (20%)





- Cyan (32%)
- Magenta (43%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 34.360, 309.613 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, 34.360, 309.613 by changing the saturation by 10% instead.


 65, 34.360,
309.613


 65, 34.360,
309.613


 100, 34.360,
309.613


 55, 34.360,
309.613


 85, 34.360,
309.613

 45, 34.360,
309.613

 95, 34.360,
309.613

 35, 34.360,
309.613

 25, 34.360,
309.613

 15, 34.360,
309.613

 5, 34.360, 309.613

 0, 34.360, 309.613

65, 34.360,
309.613

65, 34.360,
309.613

59, 46.827,
310.182

71, 22.113,
309.070

53, 59.353,
310.753

77, 10.178,
308.565

48, 71.639,
311.284

83, 1.409, 128.202

43, 83.197,
311.706

89, 12.636,
127.727

38, 93.306,
311.922

95, 23.507,
127.364

35, 101.079,
311.811

98, 25.920,
121.601

32, 106.036,
311.316

99, 25.240,
112.814

32, 106.593,

99, 25.142,
108.270

Harmonies

Complementary

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



65, 34.360, 309.613



79, 32.934, 126.823

Rectangle

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



65, 34.360, 309.613



65, 34.360, 359.613



65, 34.360, 129.613



65, 34.360, 179.613

Sweetspot

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



65, 34.358, 309.613



93, 12.482, 308.582



71, 17.983, 256.063



49, 8.692, 308.654



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, 34.358, 309.613



75, 50.273, 309.991



68, 38.171, 325.042



40, 6.566, 308.596



25, 90.800, 311.426



2, 24.426, 305.709

Inverse Universe

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



67, 27.948, 344.877



78, 40.598, 345.609



77, 38.104, 141.665



40, 5.403, 343.026



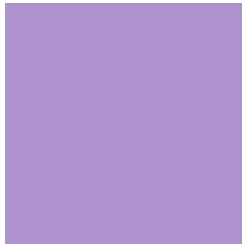
36, 61.755, 359.251



4, 20.186, 351.932

Previews

White Background



This preview shows how the CIELCh color 65, 34.360, 309.613 looks on a white background.

Color Contrast Check

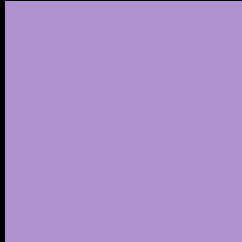
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 65, 34.360, 309.613 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

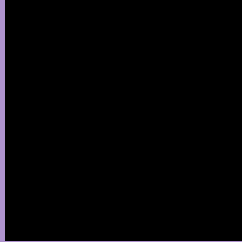
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 34.360, 309.613

Background



This preview shows how black text looks on a background with the CIELCh color 65, 34.360, 309.613.



This preview shows how white text looks on a background with the CIELCh color 65, 34.360, 309.613.

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


65, 34.360, 309.613

Protanopia

65, 31.285, 285.193

Deuteranopia

65, 26.720, 288.675



Tritanopia
65, 8.562, 329.067

Trichromacy



Original Color
65, 34.360, 309.613

Protanomaly
65, 32.323, 294.655

Deuteranomaly
65, 29.080, 297.123

Tritanomaly
65, 17.661, 314.961

Monochromacy



Original Color
65, 34.360, 309.613

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 12.281, 308.767

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 34.360, 309.613 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(174, 146, 205)` looks like.

```
.text, #text, p{  
    color:rgb(174, 146, 205)  
}
```

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(174, 146, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 146, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 34.360, 309.613 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(174, 146, 205) }
```

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

```
.border{ border-color:rgb(174, 146, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 146, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 146, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 146, 205);  
box-shadow:4px 4px 4px 4px rgb(174, 146,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 34.360, 309.613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 146, 205) }
```

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

```
.background{ background-color: rgb(174,  
146, 205) }
```

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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