

Converting Colors

CIELCh(65, 36.040, 306.818)

Have a look what the booklet for
CIELCh(65, 36.040, 306.818)
contains.

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Color

CIELCh(65, 35.592, 306.742)

Conversions

Conversions Part 1

Format	Color
Hex	AB93D1
RGB	171, 147, 209
RGB Percent	67%, 58%, 82%
CMY	0.3301, 0.4242, 0.1811
CMYK	0.18, 0.30, 0.00, 0.18
HSL	263°, 40%, 70%
HSV	263°, 30%, 82%
XYZ	38.6496, 34.0472, 64.7389
YIQ	161.2440, -5.5980, 24.3700

Conversions

Conversions Part 2

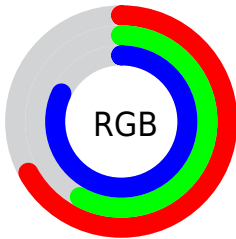
Format	Color
RYB	171, 147, 209
Decimal	11244497
CIELab	65.00, 21.29, -28.52
CIElCh	65, 35.592, 306.742
Yxy	34.0472, 0.2812, 0.2477
Android (android.graphics.Color)	4289434577 (0xFFAB93D1)
YUV	161.2440, 23.5437, 8.5560
Hunter-Lab	58.3500, 16.1217, -24.9369

Details

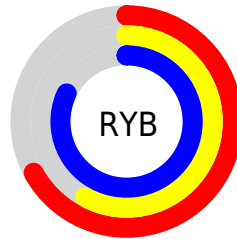
The CIELCh color $65, 35.592, 306.742$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $81, 33.784, 123.505$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 29.926, 309.447$, and $45, 35.565, 306.980$ is the 20% darker color. If you saturate the color by 10%, you get $59, 48.238, 307.432$, and if you desaturate by 10%, it is $71, 23.240, 306.102$.

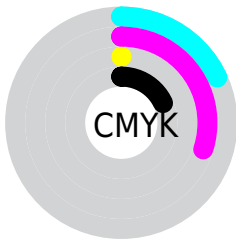
Distribution



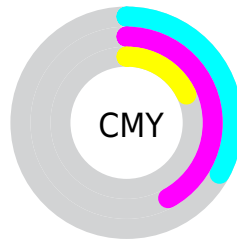
- Red (67%)
- Green (58%)
- Blue (82%)



- Red (67%)
- Yellow (58%)
- Blue (82%)



- Cyan (18%)
- Magenta (30%)
- Yellow (0%)
- Black (18%)





- Cyan (33%)
- Magenta (42%)
- Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 35.592, 306.742 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, 35.592, 306.742 by changing the saturation by 10% instead.


 65, 35.592,
306.742


 65, 35.592,
306.742


 100, 35.592,
306.742


 55, 35.592,
306.742


 85, 35.592,
306.742

 45, 35.592,
306.742

 95, 35.592,
306.742

 35, 35.592,
306.742

 25, 35.592,
306.742

 15, 35.592,
306.742

 5, 35.592, 306.742

 0, 35.592, 306.742

65, 35.592,
306.742

65, 35.592,
306.742

59, 48.238,
307.432

71, 23.240,
306.102

53, 61.039,
308.149

78, 11.252,
305.521

47, 73.714,
308.850

84, 0.351, 125.249

41, 85.765,
309.460

90, 11.568,
124.569

37, 96.402,
309.863

97, 22.411,
124.169

33, 104.592,
309.911

98, 23.509,
115.097

30, 109.854,
309.563

99, 23.321,
108.410

30, 110.009,

Harmonies

Complementary

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



65, 35.592, 306.742



81, 33.784, 123.505

Rectangle

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



65, 35.592, 306.742



65, 35.592, 356.742



65, 35.592, 126.742



65, 35.592, 176.742

Sweetspot

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



65, 35.590, 306.742



93, 12.286, 305.489



73, 17.693, 245.808



49, 8.558, 305.571



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, 35.590, 306.742



73, 51.245, 307.202



68, 39.114, 322.646



41, 6.597, 305.506



24, 93.520, 309.712



2, 26.231, 303.464

Inverse Universe

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



68, 30.961, 340.426



78, 44.083, 341.069



79, 38.837, 139.501



41, 5.860, 338.695



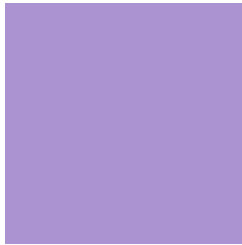
37, 64.482, 351.566



5, 23.235, 346.413

Previews

White Background



This preview shows how the CIELCh color 65, 35.592, 306.742 looks on a white background.

Color Contrast Check

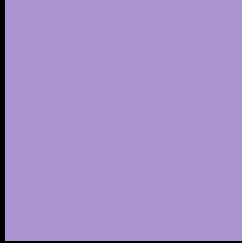
Large Text (above 18pt) WCAG AA × Fail

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, 35.592, 306.742 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, 35.592, 306.742

Background



This preview shows how black text looks on a background with the CIELCh color 65, 35.592, 306.742.

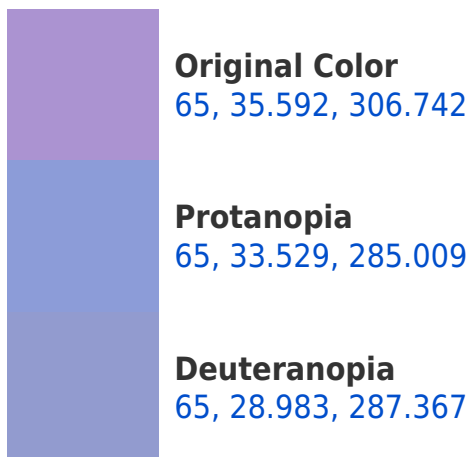



This preview shows how white text looks on a background with the CIELCh color 65, 35.592, 306.742.

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, 7.524, 317.572

Trichromacy



Original Color
65, 35.592, 306.742

Protanomaly
65, 33.373, 292.495

Deuteranomaly
65, 31.230, 295.199

Tritanomaly
65, 17.540, 308.672

Monochromacy



Original Color
65, 35.592, 306.742

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 12.708, 306.444

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 35.592, 306.742 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(171, 147, 209)` looks like.

```
.text, #text, p{  
    color:rgb(171, 147, 209)  
}
```

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(171, 147, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 147, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 35.592, 306.742 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(171, 147, 209) }
```

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

```
.border{ border-color:rgb(171, 147, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 147, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 147, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 147, 209);  
box-shadow:4px 4px 4px 4px rgb(171, 147,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 35.592, 306.742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 147, 209) }
```

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

```
.background{ background-color: rgb(171,  
147, 209) }
```

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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