

Converting Colors

CIELCh(65, 37.964, 340.760)

Have a look what the booklet for
CIELCh(65, 37.964, 340.760)
contains.

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Color

CIELCh(65, 37.994, 340.776)

Conversions

Conversions Part 1

Format	Color
Hex	D286B5
RGB	210, 134, 181
RGB Percent	82%, 53%, 71%
CMY	0.1768, 0.4748, 0.2905
CMYK	0.00, 0.36, 0.14, 0.18
HSL	323°, 46%, 67%
HSV	323°, 36%, 82%
XYZ	43.3966, 34.0472, 47.9530
YIQ	162.0820, 30.2090, 30.7290

Conversions

Conversions Part 2

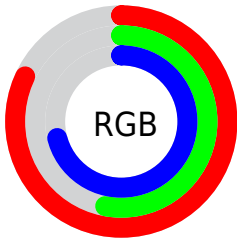
Format	Color
R _Y B	210, 134, 181
Decimal	13797045
CIE Lab	65.00, 35.88, -12.51
CIE LCh	65, 37.994, 340.776
Yxy	34.0472, 0.3461, 0.2715
Android (android.graphics.Color)	4291987125 (0xFFD286B5)
YUV	162.0820, 9.3266, 42.0241
Hunter-Lab	58.3500, 30.6433, -7.8806

Details

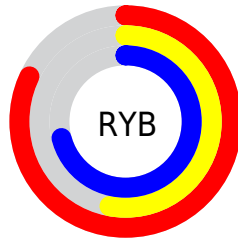
The CIELCh color $65, 37.994, 340.776$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $78, 37.190, 154.542$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 34.930, 334.875$, and $45, 37.652, 340.907$ is the 20% darker color. If you saturate the color by 10%, you get $60, 48.013, 341.813$, and if you desaturate by 10%, it is $70, 27.533, 339.846$.

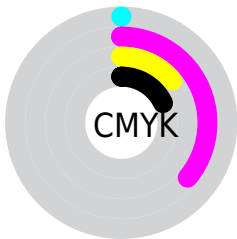
Distribution



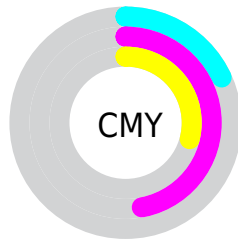
- Red (82%)
- Green (53%)
- Blue (71%)



- Red (82%)
- Yellow (53%)
- Blue (71%)



- Cyan (0%)
- Magenta (36%)
- Yellow (14%)
- Black (18%)





- Cyan (18%)
- Magenta (47%)
- Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 37.994, 340.776 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, 37.994, 340.776 by changing the saturation by 10% instead.


 65, 37.994,
340.776


 65, 37.994,
340.776


 100, 37.994,
340.776


 55, 37.994,
340.776


 85, 37.994,
340.776

 45, 37.994,
340.776

 95, 37.994,
340.776

 35, 37.994,
340.776

 25, 37.994,
340.776

 15, 37.994,
340.776

 5, 37.994, 340.776

 0, 37.994, 340.776

65, 37.994,
340.776

65, 37.994,
340.776

60, 48.013,
341.813

70, 27.533,
339.846

56, 57.181,
342.990

75, 16.945,
338.993

53, 64.986,
344.363

81, 6.431, 338.179

50, 70.902,
346.011

86, 3.881, 157.616

92, 13.917,
156.876

48, 74.532,
348.038

96, 20.762,
158.264

46, 75.814,
350.557

97, 18.199,
167.811

46, 75.991,
351.602

97, 16.245,
179.976

■ 97, 15.144,
194.598

Harmonies

Complementary

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



65, 37.994, 340.776



78, 37.190, 154.542

Rectangle

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



65, 37.994, 340.776



65, 37.994, 30.776



65, 37.994, 160.776



65, 37.994, 210.776

Sweetspot

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



65, 37.991, 340.777



93, 13.419, 338.580



61, 43.901, 306.524



49, 9.027, 338.691



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, 37.991, 340.777



74, 52.522, 341.519



64, 31.192, 12.618



41, 5.883, 338.442



37, 64.652, 351.109



5, 23.319, 346.043

Inverse Universe

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



65, 37.991, 340.777



74, 52.522, 341.519



79, 25.887, 185.394



41, 5.883, 338.442



37, 64.652, 351.109



5, 23.319, 346.043

Previews

White Background



This preview shows how the CIELCh color 65, 37.994, 340.776 looks on a white background.

Color Contrast Check

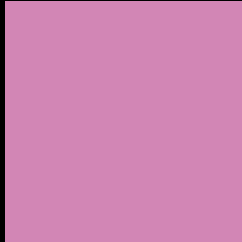
Large Text (above 18pt) WCAG AA × Fail

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, 37.994, 340.776 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

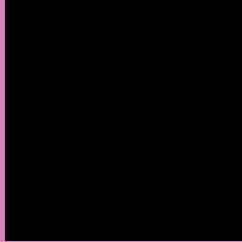
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 37.994, 340.776

Background



This preview shows how black text looks on a background with the CIELCh color 65, 37.994, 340.776.



This preview shows how white text looks on a background with the CIELCh color 65, 37.994, 340.776.

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, 37.994, 340.776

Protanopia
65, 21.765, 285.273

Deuteranopia
65, 13.478, 308.895



Tritanopia
65, 26.950, 10.568

Trichromacy



Original Color
65, 37.994, 340.776

Protanomaly
65, 24.776, 310.898

Deuteranomaly
65, 21.408, 327.976

Tritanomaly
65, 29.569, 357.413

Monochromacy



Original Color
65, 37.994, 340.776

Achromatopsia
67, 0.008, 296.813

Achromatomaly
66, 13.955, 338.369

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 37.994, 340.776 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(210, 134, 181)` looks like.

```
.text, #text, p{  
    color:rgb(210, 134, 181)  
}
```

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(210, 134, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 134, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 37.994, 340.776 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(210, 134, 181) }
```

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

```
.border{ border-color:rgb(210, 134, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 134, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 134, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 134, 181);  
box-shadow:4px 4px 4px 4px rgb(210, 134,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 37.994, 340.776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 134, 181) }
```

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

```
.background{ background-color: rgb(210,  
134, 181) }
```

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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