

Converting Colors

CIELCh(65, 45.212, 344.726)

Have a look what the booklet for
CIELCh(65, 45.212, 344.726)
contains.

CIELCh(65, 45.037, 344.681)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(65, 45.037, 344.681)

Conversions

Conversions Part 1

Format	Color
Hex	DE7FB4
RGB	222, 127, 180
RGB Percent	87%, 50%, 71%
CMY	0.1290, 0.5016, 0.2937
CMYK	0.00, 0.43, 0.19, 0.13
HSL	327°, 59%, 68%
HSV	327°, 43%, 87%
XYZ	46.0040, 34.0472, 47.3772
YIQ	161.4470, 39.6070, 36.6230

Conversions

Conversions Part 2

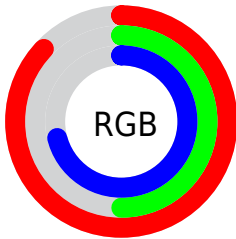
Format	Color
R _Y B	222, 127, 180
Decimal	14581684
CIE Lab	65.00, 43.44, -11.90
CIE LCh	65, 45.037, 344.681
Yxy	34.0472, 0.3610, 0.2672
Android (android.graphics.Color)	4292771764 (0xFFDE7FB4)
YUV	161.4470, 9.1466, 53.1050
Hunter-Lab	58.3500, 38.6197, -7.2955

Details

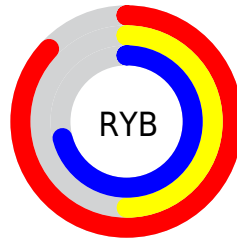
The CIELCh color $65, 45.037, 344.681$ is a light color, and the websafe version is hex `CC6699`. A complement of this color would be $82, 43.490, 156.477$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 38.270, 334.713$, and $45, 44.840, 344.922$ is the 20% darker color. If you saturate the color by 10%, you get $60, 54.714, 345.977$, and if you desaturate by 10%, it is $70, 34.680, 343.558$.

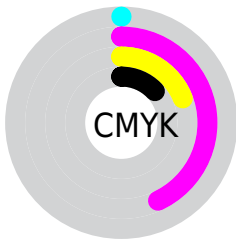
Distribution



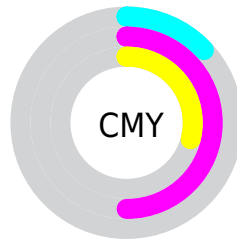
- Red (87%)
- Green (50%)
- Blue (71%)



- Red (87%)
- Yellow (50%)
- Blue (71%)



- Cyan (0%)
- Magenta (43%)
- Yellow (19%)
- Black (13%)





- Cyan (13%)
- Magenta (50%)
- Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 45.037, 344.681 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, 45.037, 344.681 by changing the saturation by 10% instead.


 65, 45.037,
344.681


 65, 45.037,
344.681


 100, 45.037,
344.681


 55, 45.037,
344.681


 85, 45.037,
344.681

 45, 45.037,
344.681

 95, 45.037,
344.681

 35, 45.037,
344.681

 25, 45.037,
344.681

 15, 45.037,
344.681

 5, 45.037, 344.681

 0, 45.037, 344.681

65, 45.037,
344.681

65, 45.037,
344.681

60, 54.714,
345.977

70, 34.680,
343.558

56, 63.223,
347.511

75, 24.037,
342.562

53, 70.009,
349.376

81, 13.379,
341.656

51, 74.603,
351.699

87, 2.878, 340.731

49, 76.819,
354.623

93, 7.363, 160.188

48, 77.318,
357.105

97, 14.153,
163.335

98, 11.736,
183.120

98, 11.120,
198.764

Harmonies

Complementary

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



65, 45.037, 344.681



82, 43.490, 156.477

Rectangle

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



65, 45.037, 344.681



65, 45.037, 34.681



65, 45.037, 164.681



65, 45.037, 214.681

Sweetspot

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



65, 45.034, 344.682



92, 15.234, 341.685



61, 55.098, 309.121



48, 10.682, 341.880



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, 45.034, 344.682



69, 59.312, 345.786



64, 39.407, 18.856



44, 5.977, 341.367



38, 65.118, 356.483



6, 27.102, 350.493

Inverse Universe

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



65, 45.034, 344.682



69, 59.312, 345.786



83, 30.178, 190.902



44, 5.977, 341.367



38, 65.118, 356.483



6, 27.102, 350.493

Previews

White Background



This preview shows how the CIELCh color 65, 45.037, 344.681 looks on a white background.

Color Contrast Check

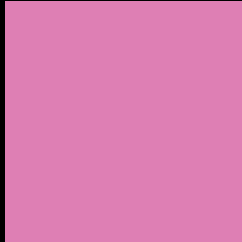
Large Text (above 18pt) WCAG AA × Fail

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, 45.037, 344.681 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

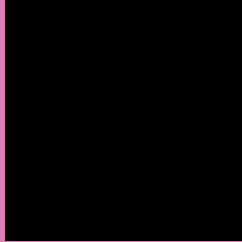
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 45.037, 344.681

Background



This preview shows how black text looks on a background with the CIELCh color 65, 45.037, 344.681.

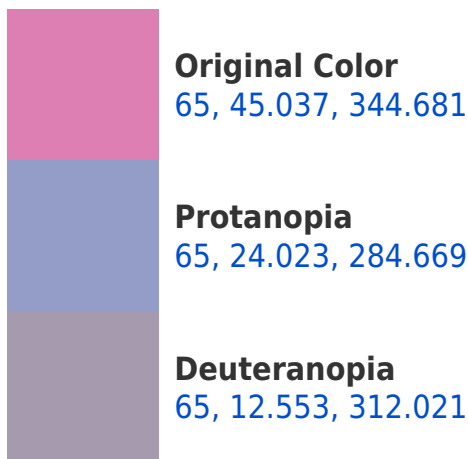


This preview shows how white text looks on a background with the CIELCh color 65, 45.037, 344.681.

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, 34.429, 14.116

Trichromacy



Original Color
65, 45.037, 344.681



Protanomaly
64, 28.132, 313.398



Deuteranomaly
65, 24.123, 332.465

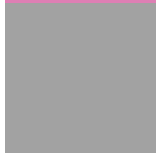


Tritanomaly
65, 37.037, 1.185

Monochromacy



Original Color
65, 45.037, 344.681



Achromatopsia
67, 0.008, 296.813



Achromatomaly
65, 17.341, 341.501

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 45.037, 344.681 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(222, 127, 180)` looks like.

```
.text, #text, p{  
    color:rgb(222, 127, 180)  
}
```

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(222, 127, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 127, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 45.037, 344.681 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(222, 127, 180) }
```

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

```
.border{ border-color:rgb(222, 127, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 127, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 127, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 127, 180);  
box-shadow:4px 4px 4px 4px rgb(222, 127,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 45.037, 344.681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 127, 180) }
```

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

```
.background{ background-color: rgb(222,  
127, 180) }
```

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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