

Converting Colors

CIELCh(65, 45.725, 343.695)

Have a look what the booklet for
CIELCh(65, 45.725, 343.695)
contains.

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Color

CIELCh(65, 45.611, 343.530)

Conversions

Conversions Part 1

Format	Color
Hex	DE7FB6
RGB	222, 127, 182
RGB Percent	87%, 50%, 71%
CMY	0.1298, 0.5023, 0.2866
CMYK	0.00, 0.43, 0.18, 0.13
HSL	325°, 59%, 68%
HSV	325°, 43%, 87%
XYZ	46.1105, 34.0472, 48.3524
YIQ	161.6750, 38.9650, 37.2450

Conversions

Conversions Part 2

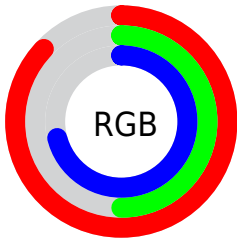
Format	Color
R_{YB}	222, 127, 182
Decimal	14581686
CIE _{Lab}	65.00, 43.74, -12.93
CIE _{LCh}	65, 45.611, 343.530
Yxy	34.0472, 0.3588, 0.2649
Android (android.graphics.Color)	4292771766 (0xFFDE7FB6)
YUV	161.6750, 10.0202, 52.9050
Hunter-Lab	58.3500, 38.9454, -8.2864

Details

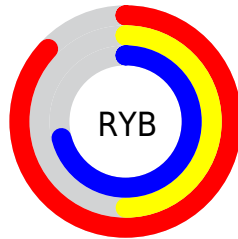
The CIELCh color $65, 45.611, 343.530$ is a light color, and the websafe version is hex `CC6699`. A complement of this color would be $82, 44.249, 155.493$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 39.000, 333.627$, and $45, 45.425, 343.675$ is the 20% darker color. If you saturate the color by 10%, you get $60, 55.364, 344.768$, and if you desaturate by 10%, it is $70, 35.153, 342.451$.

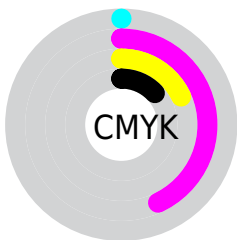
Distribution



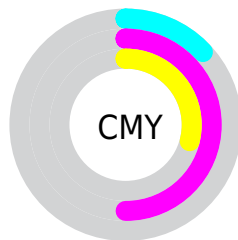
- Red (87%)
- Green (50%)
- Blue (71%)



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



- Cyan (0%)
- Magenta (43%)
- Yellow (18%)
- Black (13%)





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 45.611, 343.530 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, 45.611, 343.530 by changing the saturation by 10% instead.


 65, 45.611,
343.530


 65, 45.611,
343.530


 100, 45.611,
343.530


 55, 45.611,
343.530


 85, 45.611,
343.530

 45, 45.611,
343.530

 95, 45.611,
343.530

 35, 45.611,
343.530

 25, 45.611,
343.530

 15, 45.611,
343.530

 5, 45.611, 343.530

 0, 45.611, 343.530

65, 45.611,
343.530

65, 45.611,
343.530

60, 55.364,
344.768

70, 35.153,
342.451

56, 63.919,
346.221

75, 24.390,
341.486

53, 70.718,
347.977

81, 13.596,
340.605

51, 75.287,
350.150

87, 2.950, 339.703

93, 7.442, 159.167

49, 77.430,
352.877

97, 14.537,
161.811

48, 77.845,
355.180

98, 12.067,
179.686

98, 11.182,
198.759

Harmonies

Complementary

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



65, 45.611, 343.530



82, 44.249, 155.493

Rectangle

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



65, 45.611, 343.530



65, 45.611, 33.530



65, 45.611, 163.530



65, 45.611, 213.530

Sweetspot

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



65, 45.608, 343.531



92, 15.456, 340.630



60, 55.016, 308.597



48, 10.836, 340.821



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, 45.608, 343.531



70, 60.035, 344.582



64, 39.312, 17.606



44, 6.065, 340.321



38, 65.621, 354.602



7, 27.388, 349.019

Inverse Universe

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



65, 45.608, 343.531



70, 60.035, 344.582



83, 30.414, 189.328



44, 6.065, 340.321



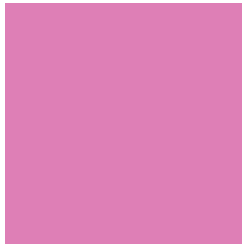
38, 65.621, 354.602



7, 27.388, 349.019

Previews

White Background



This preview shows how the CIELCh color 65, 45.611, 343.530 looks on a white background.

Color Contrast Check

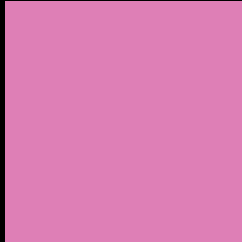
Large Text (above 18pt) WCAG AA × Fail

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, 45.611, 343.530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

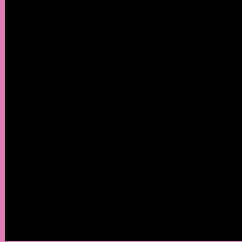
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 45.611, 343.530

Background



This preview shows how black text looks on a background with the CIELCh color 65, 45.611, 343.530.



This preview shows how white text looks on a background with the CIELCh color 65, 45.611, 343.530.

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, 45.611, 343.530



Protanomaly
64, 29.818, 312.942



Deuteranomaly
65, 24.937, 330.759

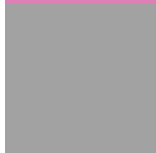


Tritanomaly
65, 37.165, 0.368

Monochromacy



Original Color
65, 45.611, 343.530



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, 45.611, 343.530 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, 182)` looks like.

```
.text, #text, p{  
    color:rgb(222, 127, 182)  
}
```

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, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 127, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 45.611, 343.530 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, 182) }
```

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

```
.border{ border-color:rgb(222, 127, 182) }
```

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, 182) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 127, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 127, 182);  
box-shadow:4px 4px 4px 4px rgb(222, 127,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 45.611, 343.530 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, 182) }
```

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

```
.background{ background-color: rgb(222,  
127, 182) }
```

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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