

Converting Colors

CIELCh(65, 67.667, 347.950)

Have a look what the booklet for
CIELCh(65, 67.667, 347.950)
contains.

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Color

CIELCh(65, 67.825, 347.710)

Conversions

Conversions Part 1

Format	Color
Hex	FE65B9
RGB	254, 101, 185
RGB Percent	100%, 40%, 73%
CMY	0.0023, 0.6024, 0.2731
CMYK	0.00, 0.60, 0.27, 0.00
HSL	327°, 99%, 70%
HSV	327°, 60%, 100%
XYZ	54.5073, 34.0472, 49.7982
YIQ	156.3230, 64.2240, 58.5600

Conversions

Conversions Part 2

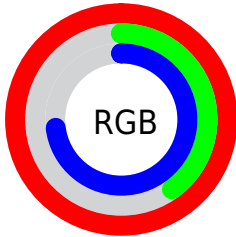
Format	Color
R_{YB}	254, 101, 185
Decimal	16672185
CIE _{Lab}	65.00, 66.27, -14.44
CIE _{LCh}	65, 67.825, 347.710
Yxy	34.0472, 0.3940, 0.2461
Android (android.graphics.Color)	4294862265 (0xFFFE65B9)
YUV	156.3230, 14.1378, 85.6627
Hunter-Lab	58.3500, 64.6324, -9.7555

Details

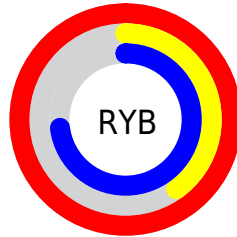
The CIELCh color **65, 67.825, 347.710** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **90, 65.495, 154.356**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **78, 54.142, 331.034**, and **45, 67.837, 347.797** is the 20% darker color. If you saturate the color by 10%, you get **61, 75.847, 349.555**, and if you desaturate by 10%, it is **70, 58.008, 346.193**.

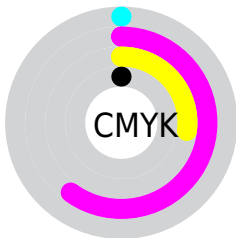
Distribution



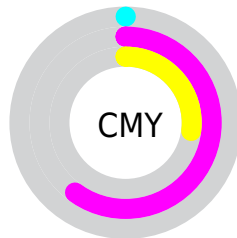
- Red (100%)
- Green (40%)
- Blue (73%)



- Red (100%)
- Yellow (40%)
- Blue (73%)



- Cyan (0%)
- Magenta (60%)
- Yellow (27%)
- Black (0%)





- Cyan (0%)
- Magenta (60%)
- Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 67.825, 347.710 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, 67.825, 347.710 by changing the saturation by 10% instead.


 65, 67.825,
347.710


 65, 67.825,
347.710


 100, 67.825,
347.710


 55, 67.825,
347.710


 85, 67.825,
347.710

 45, 67.825,
347.710

 95, 67.825,
347.710

 35, 67.825,
347.710

 25, 67.825,
347.710

 15, 67.825,
347.710

 5, 67.825, 347.710

 0, 67.825, 347.710

65, 67.825,
347.710

65, 67.825,
347.710

61, 75.847,
349.555

70, 58.008,
346.193

58, 81.520,
351.850

75, 47.026,
344.908

56, 84.546,
354.748

81, 35.409,
343.792

55, 85.346,
358.263

87, 23.561,
342.800

93, 11.759,
341.893

100, 0.175,
338.464

100, 0.206,
202.604

Harmonies

Complementary

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



65, 67.825, 347.710



90, 65.495, 154.356

Rectangle

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



65, 67.825, 347.710



65, 67.825, 37.710



65, 67.825, 167.710



65, 67.825, 217.710

Sweetspot

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



65, 67.821, 347.711



88, 21.058, 342.600



57, 87.224, 310.684



45, 14.664, 342.872



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, 67.821, 347.711



61, 77.234, 349.944



63, 64.465, 24.221



50, 6.598, 341.837



41, 69.021, 357.546



11, 32.412, 352.718

Inverse Universe

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



65, 67.821, 347.711



61, 77.234, 349.944



92, 42.777, 191.409



50, 6.598, 341.837



41, 69.021, 357.546



11, 32.412, 352.718

Previews

White Background



This preview shows how the CIELCh color 65, 67.825, 347.710 looks on a white background.

Color Contrast Check

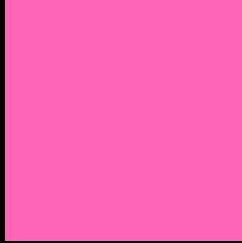
Large Text (above 18pt) WCAG AA × Fail

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, 67.825, 347.710 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, 67.825, 347.710

Background



This preview shows how black text looks on a background with the CIELCh color 65, 67.825, 347.710.



This preview shows how white text looks on a background with the CIELCh color 65, 67.825, 347.710.

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, 67.825, 347.710

Protanopia
65, 37.967, 285.299

Deuteranopia
65, 13.371, 307.382



Tritanopia
65, 55.435, 21.681

Trichromacy



Original Color
65, 67.825, 347.710



Protanomaly
63, 44.002, 313.877



Deuteranomaly
64, 33.775, 335.466



Tritanomaly
65, 57.110, 7.895

Monochromacy



Original Color
65, 67.825, 347.710



Achromatopsia
65, 0.008, 296.813



Achromatomaly
63, 26.707, 343.764

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 67.825, 347.710 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(254, 101, 185)` looks like.

```
.text, #text, p{  
    color:rgb(254, 101, 185)  
}
```

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(254, 101, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 101, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 67.825, 347.710 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(254, 101, 185) }
```

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

```
.border{ border-color:rgb(254, 101, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 101, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 101, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 101, 185);  
box-shadow:4px 4px 4px 4px rgb(254, 101,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 67.825, 347.710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 101, 185) }
```

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

```
.background{ background-color: rgb(254,  
101, 185) }
```

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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