

Converting Colors

CIELCh(65, 67.519, 346.273)

Have a look what the booklet for
CIELCh(65, 67.519, 346.273)
contains.

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Color

CIELCh(65, 67.386, 346.479)

Conversions

Conversions Part 1

Format	Color
Hex	FD67BC
RGB	253, 103, 188
RGB Percent	99%, 40%, 74%
CMY	0.0094, 0.5975, 0.2642
CMYK	0.00, 0.59, 0.26, 0.01
HSL	326°, 97%, 70%
HSV	326°, 59%, 99%
XYZ	54.2117, 34.0472, 51.0867
YIQ	157.5400, 62.1150, 58.2350

Conversions

Conversions Part 2

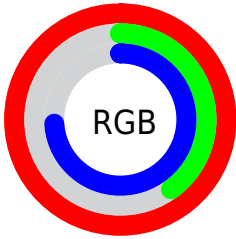
Format	Color
R _Y B	253, 103, 188
Decimal	16607164
CIE Lab	65.00, 65.52, -15.75
CIE LCh	65, 67.386, 346.479
Yxy	34.0472, 0.3890, 0.2443
Android (android.graphics.Color)	4294797244 (0xFFFD67BC)
YUV	157.5400, 15.0168, 83.7184
Hunter-Lab	58.3500, 63.7282, -11.0648

Details

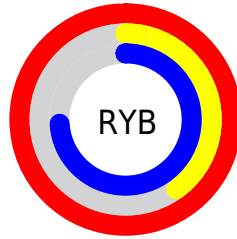
The CIELCh color **65, 67.386, 346.479** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **90, 65.426, 153.643**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **78, 54.707, 329.985**, and **45, 67.499, 346.406** is the 20% darker color. If you saturate the color by 10%, you get **61, 75.553, 348.205**, and if you desaturate by 10%, it is **70, 57.453, 345.048**.

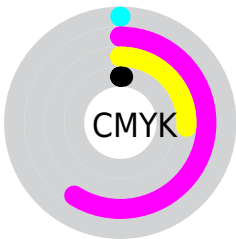
Distribution



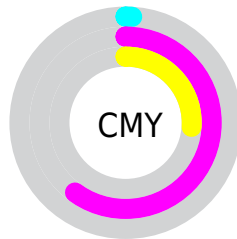
- Red (99%)
- Green (40%)
- Blue (74%)



- Red (99%)
- Yellow (40%)
- Blue (74%)



- Cyan (0%)
- Magenta (59%)
- Yellow (26%)
- Black (1%)





- Cyan (1%)
- Magenta (60%)
- Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 67.386, 346.479 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, 67.386, 346.479 by changing the saturation by 10% instead.


 65, 67.386,
346.479


 65, 67.386,
346.479


 100, 67.386,
346.479


 55, 67.386,
346.479


 85, 67.386,
346.479

 45, 67.386,
346.479

 95, 67.386,
346.479

 35, 67.386,
346.479

 25, 67.386,
346.479

 15, 67.386,
346.479

 5, 67.386, 346.479

 0, 67.386, 346.479

65, 67.386,
346.479

65, 67.386,
346.479

61, 75.553,
348.205

70, 57.453,
345.048

58, 81.385,
350.338

75, 46.381,
343.825

56, 84.549,
353.020

81, 34.692,
342.755

55, 85.347,
356.345

87, 22.784,
341.798

55, 85.374,
356.565

93, 10.925,
340.916

100, 0.715,
160.809

100, 0.835,
200.146

Harmonies

Complementary

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



65, 67.386, 346.479



90, 65.426, 153.643

Rectangle

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



65, 67.386, 346.479



65, 67.386, 36.479



65, 67.386, 166.479



65, 67.386, 216.479

Sweetspot

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



65, 67.382, 346.480



88, 21.314, 341.674



57, 85.592, 309.699



45, 14.840, 341.940



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, 67.382, 346.480



61, 77.252, 348.528



63, 62.480, 21.572



50, 6.681, 340.928



42, 69.434, 355.905



11, 32.654, 351.363

Inverse Universe

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



65, 67.382, 346.480



61, 77.252, 348.528



91, 43.044, 187.995



50, 6.681, 340.928



42, 69.434, 355.905



11, 32.654, 351.363

Previews

White Background



This preview shows how the CIELCh color 65, 67.386, 346.479 looks on a white background.

Color Contrast Check

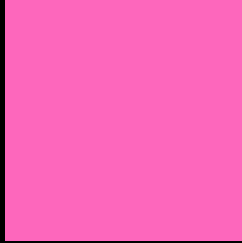
Large Text (above 18pt) WCAG AA × Fail

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, 67.386, 346.479 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, 67.386, 346.479

Background



This preview shows how black text looks on a background with the CIELCh color 65, 67.386, 346.479.



This preview shows how white text looks on a background with the CIELCh color 65, 67.386, 346.479.

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, 67.386, 346.479

Protanopia

65, 39.082, 285.285

Deuteranopia

65, 14.892, 304.330



Tritanopia
65, 54.161, 21.384

Trichromacy



Original Color
65, 67.386, 346.479



Protanomaly
63, 44.189, 312.336



Deuteranomaly
64, 34.692, 333.012



Tritanomaly
65, 56.049, 6.725

Monochromacy



Original Color
65, 67.386, 346.479



Achromatopsia
65, 0.008, 296.813



Achromatomaly
63, 27.019, 342.803

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 67.386, 346.479 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(253, 103, 188)` looks like.

```
.text, #text, p{  
    color:rgb(253, 103, 188)  
}
```

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(253, 103, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 103, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 67.386, 346.479 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(253, 103, 188) }
```

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

```
.border{ border-color:rgb(253, 103, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 103, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 103, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 103, 188);  
box-shadow:4px 4px 4px 4px rgb(253, 103,  
188) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 67.386, 346.479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 103, 188) }
```

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

```
.background{ background-color: rgb(253,  
103, 188) }
```

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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