

Converting Colors

CIELCh(65, 65.902, 346.595)

Have a look what the booklet for
CIELCh(65, 65.902, 346.595)
contains.

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Color

CIELCh(65, 66.222, 346.485)

Conversions

Conversions Part 1

Format	Color
Hex	FB68BB
RGB	251, 104, 187
RGB Percent	98%, 41%, 73%
CMY	0.0152, 0.5917, 0.2662
CMYK	0.00, 0.59, 0.25, 0.02
HSL	326°, 95%, 70%
HSV	326°, 59%, 98%
XYZ	53.7697, 34.0472, 50.8122
YIQ	157.4150, 60.9690, 56.9770

Conversions

Conversions Part 2

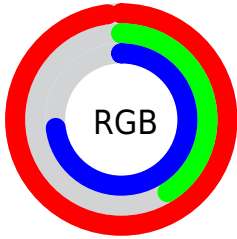
Format	Color
R _Y B	251, 104, 187
Decimal	16476347
CIE Lab	65.00, 64.39, -15.48
CIE LCh	65, 66.222, 346.485
Yxy	34.0472, 0.3879, 0.2456
Android (android.graphics.Color)	4294666427 (0xFFFB68BB)
YUV	157.4150, 14.5854, 82.0740
Hunter-Lab	58.3500, 62.3759, -10.7858

Details

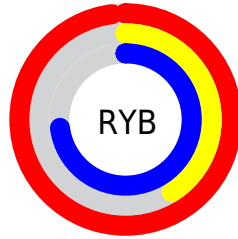
The CIELCh color **65, 66.222, 346.485** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **89, 64.203, 153.884**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **78, 53.717, 330.360**, and **45, 66.298, 346.389** is the 20% darker color. If you saturate the color by 10%, you get **61, 74.520, 348.192**, and if you desaturate by 10%, it is **70, 56.225, 345.067**.

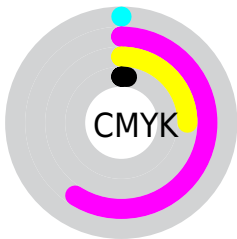
Distribution



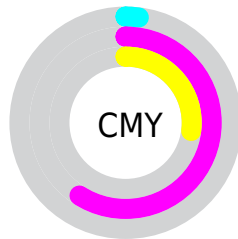
- Red (98%)
- Green (41%)
- Blue (73%)



- Red (98%)
- Yellow (41%)
- Blue (73%)



- Cyan (0%)
- Magenta (59%)
- Yellow (25%)
- Black (2%)





- Cyan (2%)
- Magenta (59%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 66.222, 346.485 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, 66.222, 346.485 by changing the saturation by 10% instead.

 65, 66.222,
346.485


 65, 66.222,
346.485


 100, 66.222,
346.485


 55, 66.222,
346.485


 85, 66.222,
346.485

 45, 66.222,
346.485

 95, 66.222,
346.485

 35, 66.222,
346.485

 25, 66.222,
346.485

 15, 66.222,
346.485

 5, 66.222, 346.485

 0, 66.222, 346.485

65, 66.222,
346.485

65, 66.222,
346.485

61, 74.520,
348.192

70, 56.225,
345.067

58, 80.542,
350.300

75, 45.146,
343.854

56, 83.927,
352.948

81, 33.495,
342.791

55, 84.869,
356.251

87, 21.655,
341.838

55, 84.933,
356.765

93, 9.882, 340.958

100, 1.661,
160.496

100, 1.348,
199.812

Harmonies

Complementary

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



65, 66.222, 346.485



89, 64.203, 153.884

Rectangle

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



65, 66.222, 346.485



65, 66.222, 36.485



65, 66.222, 166.485



65, 66.222, 216.485

Sweetspot

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



65, 66.218, 346.486



88, 21.281, 341.791



57, 84.010, 310.120



45, 14.818, 342.057



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, 66.218, 346.486



61, 76.477, 348.483



63, 61.574, 22.551



49, 6.560, 341.041



41, 68.697, 356.076



10, 31.808, 351.293

Inverse Universe

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



65, 66.218, 346.486



61, 76.477, 348.483



91, 42.011, 189.770



49, 6.560, 341.041



41, 68.697, 356.076



10, 31.808, 351.293

Previews

White Background



This preview shows how the CIELCh color 65, 66.222, 346.485 looks on a white background.

Color Contrast Check

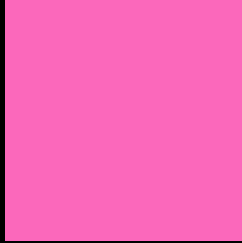
Large Text (above 18pt) WCAG AA × Fail

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, 66.222, 346.485 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

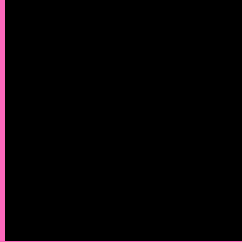
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 66.222, 346.485

Background



This preview shows how black text looks on a background with the CIELCh color 65, 66.222, 346.485.



This preview shows how white text looks on a background with the CIELCh color 65, 66.222, 346.485.

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, 53.291, 21.168

Trichromacy



Original Color
65, 66.222, 346.485



Protanomaly
63, 43.676, 312.559



Deuteranomaly
64, 33.430, 333.226



Tritanomaly
65, 55.268, 6.846

Monochromacy



Original Color
65, 66.222, 346.485



Achromatopsia
65, 0.008, 296.813



Achromatomaly
64, 26.704, 342.212

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 66.222, 346.485 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(251, 104, 187)` looks like.

```
.text, #text, p{  
    color:rgb(251, 104, 187)  
}
```

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(251, 104, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 104, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 66.222, 346.485 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(251, 104, 187) }
```

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

```
.border{ border-color:rgb(251, 104, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 104, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 104, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 104, 187);  
box-shadow:4px 4px 4px 4px rgb(251, 104,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 66.222, 346.485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 104, 187) }
```

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

```
.background{ background-color: rgb(251,  
104, 187) }
```

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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