

Converting Colors

CIELCh(65, 69.430, 345.090)

Have a look what the booklet for
CIELCh(65, 69.430, 345.090)
contains.

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Color

CIELCh(65, 69.282, 345.344)

Conversions

Conversions Part 1

Format	Color
Hex	FE65BF
RGB	254, 101, 191
RGB Percent	100%, 40%, 75%
CMY	0.0048, 0.6047, 0.2518
CMYK	0.00, 0.60, 0.25, 0.00
HSL	325°, 98%, 70%
HSV	325°, 60%, 100%
XYZ	54.8059, 34.0472, 52.8567
YIQ	157.0070, 62.2980, 60.4260

Conversions

Conversions Part 2

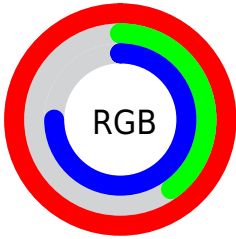
Format	Color
R _Y B	254, 101, 191
Decimal	16672191
CIE Lab	65.00, 67.03, -17.53
CIE LCh	65, 69.282, 345.344
Yxy	34.0472, 0.3867, 0.2403
Android (android.graphics.Color)	4294862271 (0xFFFE65BF)
YUV	157.0070, 16.7585, 85.0629
Hunter-Lab	58.3500, 65.5458, -12.8632

Details

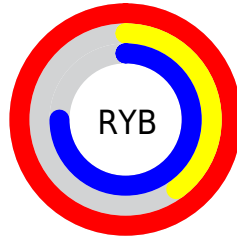
The CIELCh color **65, 69.282, 345.344** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **90, 67.778, 152.528**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **78, 56.489, 328.953**, and **45, 69.300, 345.610** is the 20% darker color. If you saturate the color by 10%, you get **61, 77.324, 346.998**, and if you desaturate by 10%, it is **70, 59.373, 343.966**.

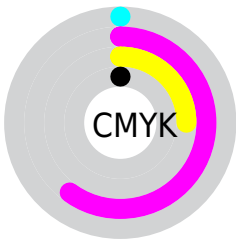
Distribution



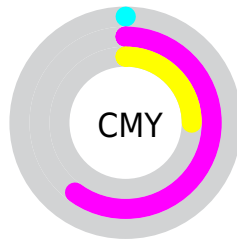
- Red (100%)
- Green (40%)
- Blue (75%)



- Red (100%)
- Yellow (40%)
- Blue (75%)



- Cyan (0%)
- Magenta (60%)
- Yellow (25%)
- Black (0%)





- Cyan (0%)
- Magenta (60%)
- Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 69.282, 345.344 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, 69.282, 345.344 by changing the saturation by 10% instead.


 65, 69.282,
345.344


 65, 69.282,
345.344


 100, 69.282,
345.344


 55, 69.282,
345.344


 85, 69.282,
345.344

 45, 69.282,
345.344

 95, 69.282,
345.344

 35, 69.282,
345.344

 25, 69.282,
345.344

 15, 69.282,
345.344

 5, 69.282, 345.344

 0, 69.282, 345.344

65, 69.282,
345.344

65, 69.282,
345.344

61, 77.324,
346.998

70, 59.373,
343.966

58, 82.934,
349.032

75, 48.234,
342.783

56, 85.806,
351.581

81, 36.407,
341.741

55, 86.359,
354.617

87, 24.309,
340.805

93, 12.226,
339.943

99, 0.340, 337.886

100, 0.425,
200.938

Harmonies

Complementary

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



65, 69.282, 345.344



90, 67.778, 152.528

Rectangle

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



65, 69.282, 345.344



65, 69.282, 35.344



65, 69.282, 165.344



65, 69.282, 215.344

Sweetspot

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



65, 69.278, 345.345



88, 21.626, 340.604



56, 87.227, 309.292



45, 15.055, 340.862



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, 69.278, 345.345



61, 78.772, 347.320



63, 63.418, 20.609



50, 6.781, 339.877



42, 70.010, 353.996



11, 32.968, 349.792

Inverse Universe

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



65, 69.278, 345.345



61, 78.772, 347.320



92, 44.126, 186.232



50, 6.781, 339.877



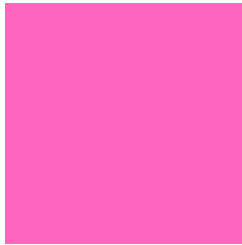
42, 70.010, 353.996



11, 32.968, 349.792

Previews

White Background



This preview shows how the CIELCh color 65, 69.282, 345.344 looks on a white background.

Color Contrast Check

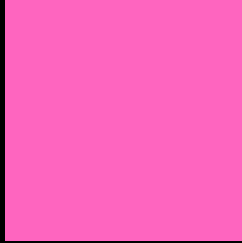
Large Text (above 18pt) WCAG AA × Fail

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, 69.282, 345.344 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

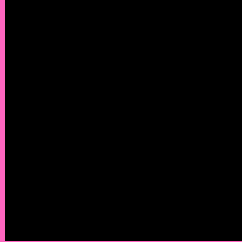
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 69.282, 345.344

Background



This preview shows how black text looks on a background with the CIELCh color 65, 69.282, 345.344.



This preview shows how white text looks on a background with the CIELCh color 65, 69.282, 345.344.

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, 69.282, 345.344

Protanopia

65, 41.847, 285.491

Deuteranopia

65, 16.450, 301.905



Tritanopia
65, 55.032, 21.599

Trichromacy



Original Color
65, 69.282, 345.344



Protanomaly
63, 46.890, 311.722



Deuteranomaly
64, 35.678, 330.708



Tritanomaly
65, 57.251, 6.312

Monochromacy



Original Color
65, 69.282, 345.344



Achromatopsia
65, 0.008, 296.813



Achromatomaly
63, 27.339, 341.866

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 69.282, 345.344 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, 191)` looks like.

```
.text, #text, p{  
    color:rgb(254, 101, 191)  
}
```

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, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 101, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 69.282, 345.344 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, 191) }
```

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

```
.border{ border-color:rgb(254, 101, 191) }
```

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, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 101, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 101, 191);  
box-shadow:4px 4px 4px 4px rgb(254, 101,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 69.282, 345.344 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, 191) }
```

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

```
.background{ background-color: rgb(254,  
101, 191) }
```

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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