

Converting Colors

CIELCh(65, 70.569, 346.274)

Have a look what the booklet for
CIELCh(65, 70.569, 346.274)
contains.

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Color

CIELCh(65, 70.363, 346.062)

Conversions

Conversions Part 1

Format	Color
Hex	FF63BE
RGB	255, 99, 190
RGB Percent	100%, 39%, 75%
CMY	0.0000, 0.6122, 0.2556
CMYK	0.00, 0.61, 0.26, 0.00
HSL	325°, 100%, 69%
HSV	325°, 61%, 100%
XYZ	55.3066, 34.0472, 52.2728
YIQ	156.0180, 63.7650, 61.3730

Conversions

Conversions Part 2

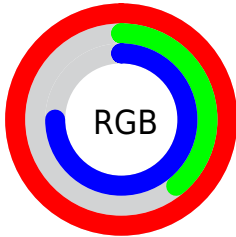
Format	Color
R _Y B	255, 99, 190
Decimal	16737214
CIE Lab	65.00, 68.29, -16.95
CIE LCh	65, 70.363, 346.062
Yxy	34.0472, 0.3905, 0.2404
Android (android.graphics.Color)	4294927294 (0xFFFF63BE)
YUV	156.0180, 16.7531, 86.8072
Hunter-Lab	58.3500, 67.0776, -12.2699

Details

The CIELCh color **65, 70.363, 346.062** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **90, 68.597, 152.633**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **77, 57.286, 329.270**, and **45, 70.243, 345.738** is the 20% darker color. If you saturate the color by 10%, you get **61, 78.019, 347.548**, and if you desaturate by 10%, it is **69, 60.391, 344.411**.

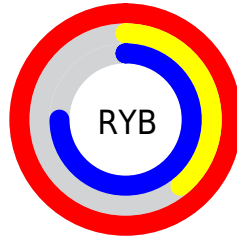
Distribution



Red (100%)

Green (39%)

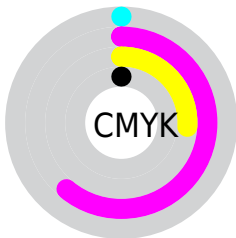
Blue (75%)



Red (100%)

Yellow (39%)

Blue (75%)

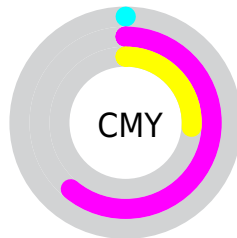


Cyan (0%)

Magenta (61%)

Yellow (26%)

Black (0%)



Cyan (0%)


Magenta (61%)


Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 70.363, 346.062 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, 70.363, 346.062 by changing the saturation by 10% instead.


 65, 70.363,
346.062


 65, 70.363,
346.062


 100, 70.363,
346.062


 55, 70.363,
346.062


 85, 70.363,
346.062

 45, 70.363,
346.062

 95, 70.363,
346.062

 35, 70.363,
346.062

 25, 70.363,
346.062

 15, 70.363,
346.062

 5, 70.363, 346.062

 0, 70.363, 346.062

65, 70.363,
346.062

65, 70.363,
346.062

61, 78.019,
347.548

69, 60.391,
344.411

58, 83.396,
349.666

75, 49.329,
343.196

56, 86.031,
352.325

80, 37.538,
342.132

55, 86.473,
355.151

86, 25.445,
341.179

93, 13.350,
340.304

99, 1.441, 339.238

100, 0.012,
296.813

Harmonies

Complementary

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



65, 70.363, 346.062



90, 68.597, 152.633

Rectangle

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



65, 70.363, 346.062



65, 70.363, 36.062



65, 70.363, 166.062



65, 70.363, 216.062

Sweetspot

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



65, 70.164, 345.834



88, 21.541, 340.890



56, 88.916, 309.810



45, 14.996, 341.151



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, 70.164, 345.834



61, 79.171, 347.892



63, 65.049, 22.124



50, 6.754, 340.158



42, 69.845, 354.507



11, 32.880, 350.213

Inverse Universe

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



65, 70.164, 345.834



61, 79.171, 347.892



92, 44.237, 187.842



50, 6.754, 340.158



42, 69.845, 354.507



11, 32.880, 350.213

Previews

White Background



This preview shows how the CIELCh color 65, 70.363, 346.062 looks on a white background.

Color Contrast Check

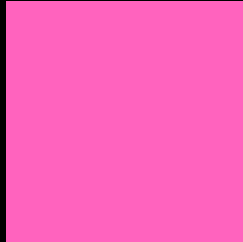
Large Text (above 18pt) WCAG AA × Fail

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, 70.363, 346.062 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

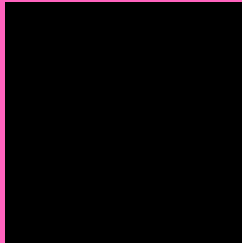
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 70.363, 346.062

Background



This preview shows how black text looks on a background with the CIELCh color 65, 70.363, 346.062.

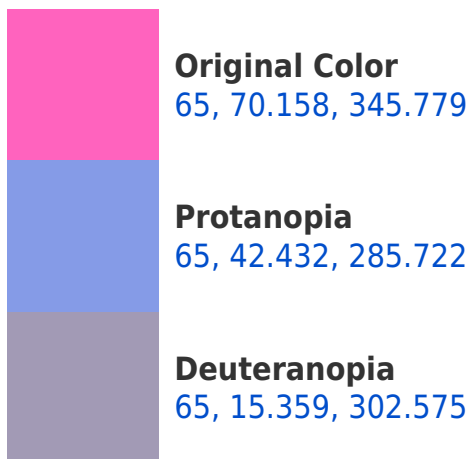


This preview shows how white text looks on a background with the CIELCh color 65, 70.363, 346.062.

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, 55.902, 21.812

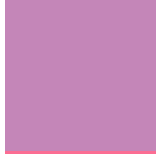
Trichromacy



Original Color
65, 70.158, 345.779



Protanomaly
63, 47.453, 311.536



Deuteranomaly
64, 35.731, 332.316



Tritanomaly
65, 57.980, 6.751

Monochromacy



Original Color
65, 70.158, 345.779



Achromatopsia
64, 0.008, 296.813



Achromatomaly
63, 28.284, 342.113

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 70.363, 346.062 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(255, 99, 190)` looks like.

```
.text, #text, p{  
    color:rgb(255, 99, 190)  
}
```

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(255, 99, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 99, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 70.363, 346.062 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(255, 99, 190) }
```

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

```
.border{ border-color:rgb(255, 99, 190) }
```

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

Here you see how a box with a 4 pixel rgb(255, 99, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 99, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 99, 190);  
box-shadow:4px 4px 4px 4px rgb(255, 99,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 70.363, 346.062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 99, 190) }
```

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

```
.background{ background-color: rgb(255, 99,  
190) }
```

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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