

Converting Colors

CIELCh(65, 73.251, 341.380)

Have a look what the booklet for
CIELCh(65, 73.251, 341.380)
contains.

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Color

CIELCh(65, 73.375, 341.465)

Conversions

Conversions Part 1

Format	Color
Hex	FE62C9
RGB	254, 98, 201
RGB Percent	100%, 38%, 79%
CMY	0.0037, 0.6154, 0.2116
CMYK	0.00, 0.61, 0.21, 0.00
HSL	320°, 99%, 69%
HSV	320°, 61%, 100%
XYZ	55.8160, 34.0472, 58.9213
YIQ	156.3860, 59.9130, 65.1050

Conversions

Conversions Part 2

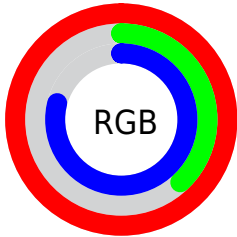
Format	Color
R_{YB}	254, 98, 201
Decimal	16671433
CIE _{Lab}	65.00, 69.57, -23.32
CIE _{LCh}	65, 73.375, 341.465
Yxy	34.0472, 0.3751, 0.2288
Android (android.graphics.Color)	4294861513 (0xFFFE62C9)
YUV	156.3860, 21.9947, 85.6075
Hunter-Lab	58.3500, 68.6359, -19.0256

Details

The CIELCh color **65, 73.375, 341.465** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **90, 73.194, 149.351**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **77, 61.517, 326.536**, and **45, 73.511, 341.455** is the 20% darker color. If you saturate the color by 10%, you get **61, 81.378, 342.813**, and if you desaturate by 10%, it is **69, 63.326, 340.310**.

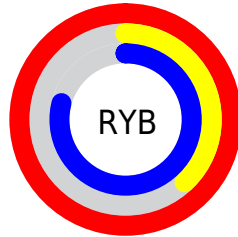
Distribution



Red (100%)

Green (38%)

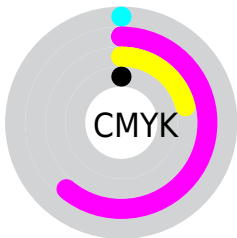
Blue (79%)



Red (100%)

Yellow (38%)

Blue (79%)

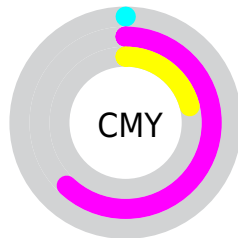


Cyan (0%)

Magenta (61%)

Yellow (21%)

Black (0%)



Cyan (0%)


Magenta (62%)


Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 73.375, 341.465 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, 73.375, 341.465 by changing the saturation by 10% instead.

 65, 73.375,
341.465


 65, 73.375,
341.465


 100, 73.375,
341.465


 55, 73.375,
341.465


 85, 73.375,
341.465

 45, 73.375,
341.465

 95, 73.375,
341.465

 35, 73.375,
341.465

 25, 73.375,
341.465

 15, 73.375,
341.465

 5, 73.375, 341.465

 0, 73.375, 341.465

65, 73.375,
341.465

65, 73.375,
341.465

61, 81.378,
342.813

69, 63.326,
340.310

59, 86.779,
344.430

75, 51.884,
339.290

57, 89.299,
346.414

80, 39.619,
338.370

56, 89.525,
348.451

86, 26.980,
337.525

92, 14.286,
336.734

99, 1.746, 335.799

100, 0.327,
201.412

Harmonies

Complementary

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



65, 73.375, 341.465



90, 73.194, 149.351

Rectangle

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



65, 73.375, 341.465



65, 73.375, 31.465



65, 73.375, 161.465



65, 73.375, 211.465

Sweetspot

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



65, 73.371, 341.466



89, 22.725, 337.252



54, 88.982, 307.578



45, 15.813, 337.486



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, 73.371, 341.466



61, 83.293, 343.206



63, 63.676, 15.898



50, 7.135, 336.587



42, 72.549, 347.986



11, 34.212, 344.859

Inverse Universe

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



65, 73.371, 341.466



61, 83.293, 343.206



91, 47.031, 179.727



50, 7.135, 336.587



42, 72.549, 347.986



11, 34.212, 344.859

Previews

White Background



This preview shows how the CIELCh color 65, 73.375, 341.465 looks on a white background.

Color Contrast Check

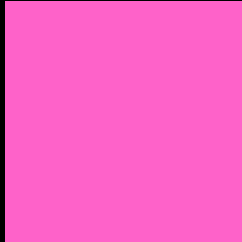
Large Text (above 18pt) WCAG AA × Fail

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, 73.375, 341.465 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

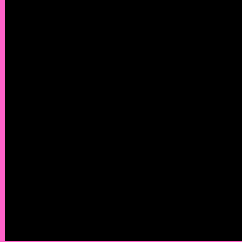
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 73.375, 341.465

Background



This preview shows how black text looks on a background with the CIELCh color 65, 73.375, 341.465.

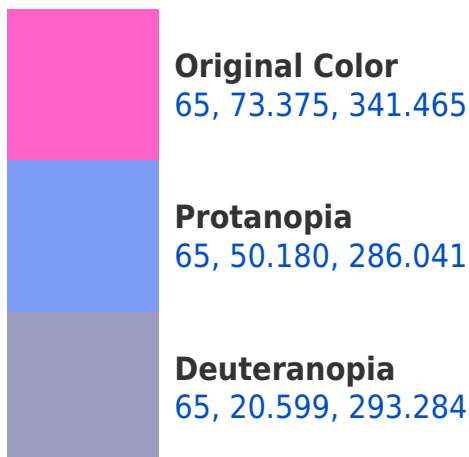


This preview shows how white text looks on a background with the CIELCh color 65, 73.375, 341.465.

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, 54.161, 21.384

Trichromacy



Original Color
65, 73.375, 341.465



Protanomaly
63, 54.597, 308.320



Deuteranomaly
64, 39.641, 324.704



Tritanomaly
65, 57.542, 3.608

Monochromacy



Original Color
65, 73.375, 341.465



Achromatopsia
64, 0.008, 296.813



Achromatomaly
63, 29.627, 338.688

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 73.375, 341.465 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, 98, 201)` looks like.

```
.text, #text, p{  
    color:rgb(254, 98, 201)  
}
```

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, 98, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 98, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 73.375, 341.465 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, 98, 201) }
```

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

```
.border{ border-color:rgb(254, 98, 201) }
```

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

Here you see how a box with a 4 pixel rgb(254, 98, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 98, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 98, 201);  
box-shadow:4px 4px 4px 4px rgb(254, 98,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 73.375, 341.465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 98, 201) }
```

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

```
.background{ background-color: rgb(254, 98,  
201) }
```

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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