

Converting Colors

CIELCh(73, 83.690, 356.496)

Have a look what the booklet for
CIELCh(73, 83.690, 356.496)
contains.

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Color

CIELCh(65, 71.566, 344.840)

Conversions

Conversions Part 1

Format	Color
Hex	FF62C1
RGB	255, 98, 193
RGB Percent	100%, 38%, 76%
CMY	0.0000, 0.6156, 0.2433
CMYK	0.00, 0.62, 0.24, 0.00
HSL	324°, 100%, 69%
HSV	324°, 62%, 100%
XYZ	55.6189, 34.0472, 54.0624
YIQ	155.7730, 63.0770, 62.8290

Conversions

Conversions Part 2

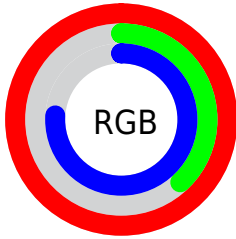
Format	Color
R _Y B	255, 98, 193
Decimal	16736961
CIE _{Lab}	65.00, 69.08, -18.72
CIE _{LCh}	65, 71.566, 344.840
Yxy	34.0472, 0.3870, 0.2369
Android (android.graphics.Color)	4294927041 (0xFFFF62C1)
YUV	155.7730, 18.3529, 87.0221
Hunter-Lab	58.3500, 68.0328, -14.0884

Details

The CIELCh color **65, 71.566, 344.840** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **90, 70.244, 151.606**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **77, 59.478, 328.003**, and **45, 71.236, 344.834** is the 20% darker color. If you saturate the color by 10%, you get **61, 79.173, 346.194**, and if you desaturate by 10%, it is **69, 61.549, 343.230**.

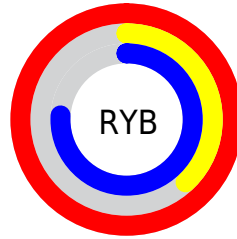
Distribution



Red (100%)

Green (38%)

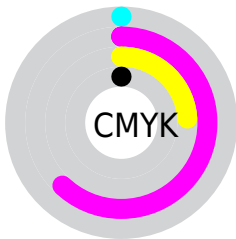
Blue (76%)



Red (100%)

Yellow (38%)

Blue (76%)

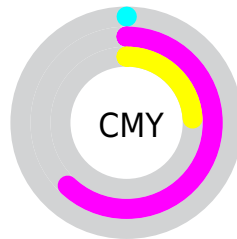


Cyan (0%)

Magenta (62%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (62%)


Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 71.566, 344.840 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, 71.566, 344.840 by changing the saturation by 10% instead.


 65, 71.566,
344.840


 65, 71.566,
344.840


 100, 71.566,
344.840


 55, 71.566,
344.840


 85, 71.566,
344.840

 45, 71.566,
344.840

 95, 71.566,
344.840

 35, 71.566,
344.840

 25, 71.566,
344.840

 15, 71.566,
344.840

 5, 71.566, 344.840

 0, 71.566, 344.840

65, 71.566,
344.840

65, 71.566,
344.840

61, 79.173,
346.194

69, 61.549,
343.230

58, 84.462,
348.176

75, 50.409,
342.068

57, 86.959,
350.653

80, 38.495,
341.043

56, 87.272,
353.166

86, 26.247,
340.119

93, 13.973,
339.267

99, 1.872, 338.292

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, 71.566, 344.840



90, 70.244, 151.606

Rectangle

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



65, 71.566, 344.840



65, 71.566, 34.840



65, 71.566, 164.840



65, 71.566, 214.840

Sweetspot

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



65, 71.349, 344.580



88, 21.869, 339.809



55, 89.425, 308.920



45, 15.223, 340.062



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, 71.349, 344.580



60, 80.715, 346.639



63, 64.764, 19.752



50, 6.860, 339.097



42, 70.508, 352.573



11, 33.226, 348.623

Inverse Universe

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



65, 71.349, 344.580



60, 80.715, 346.639



92, 45.444, 184.453



50, 6.860, 339.097



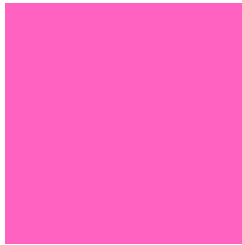
42, 70.508, 352.573



11, 33.226, 348.623

Previews

White Background



This preview shows how the CIELCh color 65, 71.566, 344.840 looks on a white background.

Color Contrast Check

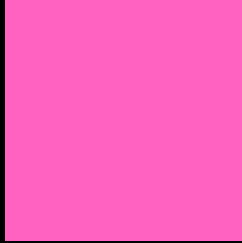
Large Text (above 18pt) WCAG AA × Fail

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, 71.566, 344.840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

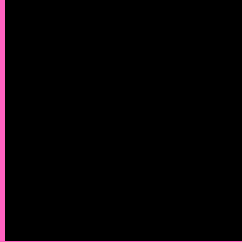
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 71.566, 344.840

Background



This preview shows how black text looks on a background with the CIELCh color 65, 71.566, 344.840.

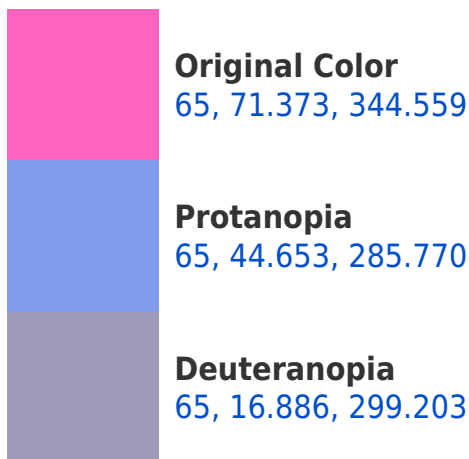


This preview shows how white text looks on a background with the CIELCh color 65, 71.566, 344.840.

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, 71.373, 344.559



Protanomaly
63, 50.087, 310.654



Deuteranomaly
64, 36.737, 330.100



Tritanomaly
65, 58.020, 6.214

Monochromacy



Original Color
65, 71.373, 344.559



Achromatopsia
64, 0.008, 296.813



Achromatomaly
63, 28.609, 341.225

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 71.566, 344.840 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, 98, 193)` looks like.

```
.text, #text, p{  
    color:rgb(255, 98, 193)  
}
```

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, 98, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 98, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 71.566, 344.840 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, 98, 193) }
```

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

```
.border{ border-color:rgb(255, 98, 193) }
```

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

Here you see how a box with a 4 pixel rgb(255, 98, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 98, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 98, 193);  
box-shadow:4px 4px 4px 4px rgb(255, 98,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 71.566, 344.840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 98, 193) }
```

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

```
.background{ background-color: rgb(255, 98,  
193) }
```

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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