

Converting Colors

CIELCh(65, 70.719, 344.516)

Have a look what the booklet for
CIELCh(65, 70.719, 344.516)
contains.

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Color

CIELCh(65, 70.920, 344.648)

Conversions

Conversions Part 1

Format	Color
Hex	FF63C1
RGB	255, 99, 193
RGB Percent	100%, 39%, 76%
CMY	0.0000, 0.6116, 0.2430
CMYK	0.00, 0.61, 0.24, 0.00
HSL	324°, 100%, 69%
HSV	324°, 61%, 100%
XYZ	55.3456, 34.0472, 54.1242
YIQ	156.3600, 62.8020, 62.3060

Conversions

Conversions Part 2

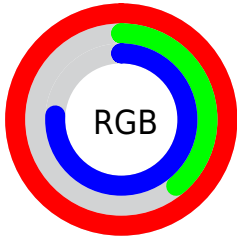
Format	Color
R _Y B	255, 99, 193
Decimal	16737217
CIE Lab	65.00, 68.39, -18.78
CIE LCh	65, 70.920, 344.648
Yxy	34.0472, 0.3856, 0.2372
Android (android.graphics.Color)	4294927297 (0xFFFF63C1)
YUV	156.3600, 18.0635, 86.5073
Hunter-Lab	58.3500, 67.1969, -14.1512

Details

The CIELCh color **65, 70.920, 344.648** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **90, 69.735, 151.758**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **77, 58.884, 327.997**, and **45, 70.992, 344.879** is the 20% darker color. If you saturate the color by 10%, you get **61, 78.819, 346.253**, and if you desaturate by 10%, it is **70, 61.052, 343.292**.

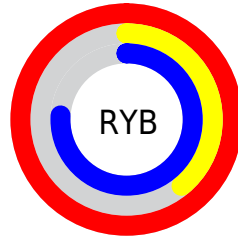
Distribution



Red (100%)

Green (39%)

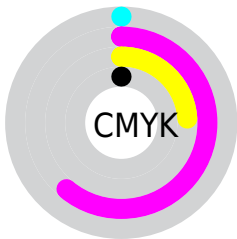
Blue (76%)



Red (100%)

Yellow (39%)

Blue (76%)

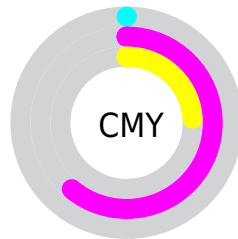


Cyan (0%)

Magenta (61%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (61%)


Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 70.920, 344.648 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, 70.920, 344.648 by changing the saturation by 10% instead.


 65, 70.920,
344.648


 65, 70.920,
344.648


 100, 70.920,
344.648


 55, 70.920,
344.648


 85, 70.920,
344.648

 45, 70.920,
344.648

 95, 70.920,
344.648

 35, 70.920,
344.648

 25, 70.920,
344.648

 15, 70.920,
344.648

 5, 70.920, 344.648

 0, 70.920, 344.648

65, 70.920,
344.648

65, 70.920,
344.648

61, 78.819,
346.253

70, 61.052,
343.292

58, 84.216,
348.232

75, 49.882,
342.131

57, 86.825,
350.704

80, 37.961,
341.107

56, 87.193,
353.347

86, 25.722,
340.183

93, 13.468,
339.331

99, 1.393, 338.277

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, 70.920, 344.648



90, 69.735, 151.758

Rectangle

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



65, 70.920, 344.648



65, 70.920, 34.648



65, 70.920, 164.648



65, 70.920, 214.648

Sweetspot

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



65, 70.910, 344.640



88, 21.838, 339.908



56, 88.848, 308.894



45, 15.201, 340.161



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, 70.910, 344.640



61, 80.014, 346.585



63, 64.331, 19.631



50, 6.850, 339.194



42, 70.443, 352.749



11, 33.193, 348.768

Inverse Universe

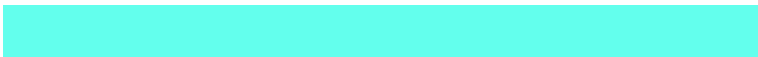
The Inverse Universe completely reimagines the original color for something new.



65, 70.910, 344.640



61, 80.014, 346.585



92, 45.251, 184.493



50, 6.850, 339.194



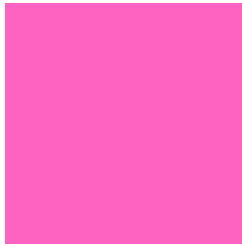
42, 70.443, 352.749



11, 33.193, 348.768

Previews

White Background



This preview shows how the CIELCh color 65, 70.920, 344.648 looks on a white background.

Color Contrast Check

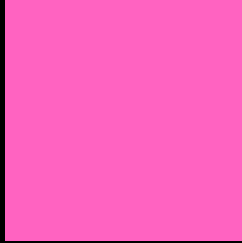
Large Text (above 18pt) WCAG AA × Fail

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, 70.920, 344.648 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

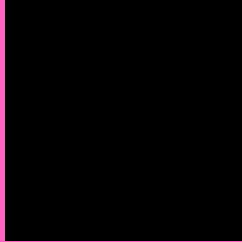
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 70.920, 344.648

Background



This preview shows how black text looks on a background with the CIELCh color 65, 70.920, 344.648.



This preview shows how white text looks on a background with the CIELCh color 65, 70.920, 344.648.

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, 70.920, 344.648

Protanopia

65, 44.115, 285.581

Deuteranopia

65, 17.487, 300.173



Tritanopia
65, 55.435, 21.681

Trichromacy



Original Color
65, 70.920, 344.648



Protanomaly
63, 48.929, 310.603



Deuteranomaly
64, 37.152, 329.558



Tritanomaly
65, 57.642, 5.965

Monochromacy



Original Color
65, 70.920, 344.648



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, 70.920, 344.648 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, 193)` looks like.

```
.text, #text, p{  
    color:rgb(255, 99, 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, 99, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 99, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 70.920, 344.648 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, 193) }
```

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

```
.border{ border-color:rgb(255, 99, 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, 99, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 99, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 99, 193);  
box-shadow:4px 4px 4px 4px rgb(255, 99,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 70.920, 344.648 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, 193) }
```

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

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