

Converting Colors

CIELCh(62, 83.313, 340.586)

Have a look what the booklet for
CIELCh(62, 83.313, 340.586)
contains.

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Color

CIELCh(62, 83.417, 340.439)

Conversions

Conversions Part 1

Format	Color
Hex	FF4AC9
RGB	255, 74, 201
RGB Percent	100%, 29%, 79%
CMY	0.0000, 0.7094, 0.2115
CMYK	0.00, 0.71, 0.21, 0.00
HSL	318°, 100%, 65%
HSV	318°, 71%, 100%
XYZ	54.2718, 30.4025, 58.3071
YIQ	142.5970, 67.1090, 77.8690

Conversions

Conversions Part 2

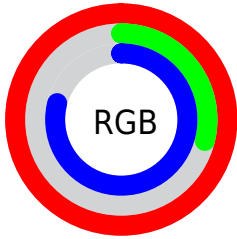
Format	Color
R _Y B	255, 74, 201
Decimal	16730825
CIE Lab	62.00, 78.60, -27.93
CIE LCh	62, 83.417, 340.439
Yxy	30.4025, 0.3796, 0.2126
Android (android.graphics.Color)	4294920905 (0xFFFF4AC9)
YUV	142.5970, 28.7927, 98.5774
Hunter-Lab	55.1385, 79.2020, -24.1002

Details

The CIELCh color **62, 83.417, 340.439** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **89, 85.493, 146.191**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **74, 73.020, 326.912**, and **44, 78.082, 340.897** is the 20% darker color. If you saturate the color by 10%, you get **59, 89.067, 341.784**, and if you desaturate by 10%, it is **66, 75.096, 339.262**.

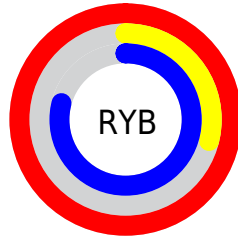
Distribution



Red (100%)

Green (29%)

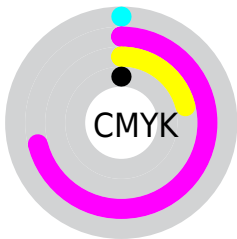
Blue (79%)



Red (100%)

Yellow (29%)

Blue (79%)

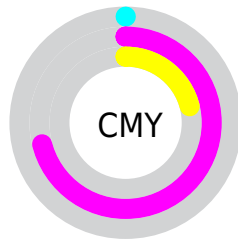


Cyan (0%)

Magenta (71%)

Yellow (21%)

Black (0%)



Cyan (0%)


Magenta (71%)


Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 83.417, 340.439 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 62, 83.417, 340.439 by changing the saturation by 10% instead.


 62, 83.417,
340.439


 62, 83.417,
340.439


 100, 83.417,
340.439


 52, 83.417,
340.439


 82, 83.417,
340.439

 42, 83.417,
340.439

 92, 83.417,
340.439

 32, 83.417,
340.439

 22, 83.417,
340.439

 12, 83.417,
340.439

 2, 83.417, 340.439

 0, 83.417, 340.439

62, 83.417,
340.439

62, 83.417,
340.439

59, 89.067,
341.784

66, 75.096,
339.262

57, 91.790,
343.423

70, 64.721,
338.242

57, 92.074,
345.183

75, 52.924,
337.322

81, 40.285,
336.477

87, 27.257,
335.687

93, 14.165,
334.938

99, 1.219, 333.943

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.



62, 83.417, 340.439



89, 85.493, 146.191

Rectangle

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



62, 83.417, 340.439



62, 83.417, 30.439



62, 83.417, 160.439



62, 83.417, 210.439

Sweetspot

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



62, 83.403, 340.423



87, 27.330, 335.691



48, 103.179, 307.164



44, 18.511, 335.905



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



62, 83.403, 340.423



58, 90.528, 342.410



59, 72.434, 15.223



50, 7.350, 334.832



43, 74.405, 344.799



11, 35.054, 342.238

Inverse Universe

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



62, 83.403, 340.423



58, 90.528, 342.410



91, 54.222, 173.950



50, 7.350, 334.832



43, 74.405, 344.799



11, 35.054, 342.238

Previews

White Background



This preview shows how the CIELCh color 62, 83.417, 340.439 looks on a white background.

Color Contrast Check

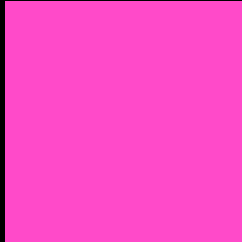
Large Text (above 18pt) WCAG AA × Fail

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 62, 83.417, 340.439 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

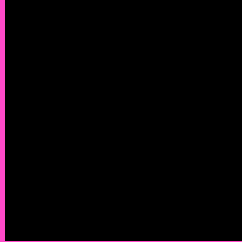
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 83.417, 340.439

Background



This preview shows how black text looks on a background with the CIELCh color 62, 83.417, 340.439.



This preview shows how white text looks on a background with the CIELCh color 62, 83.417, 340.439.

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
62, 61.485, 24.406

Trichromacy



Original Color
62, 83.417, 340.439



Protanomaly
59, 65.964, 306.427



Deuteranomaly
59, 47.486, 322.121



Tritanomaly
62, 64.305, 4.776

Monochromacy



Original Color
62, 83.417, 340.439



Achromatopsia
59, 0.008, 296.813



Achromatomaly
58, 35.636, 337.041

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 83.417, 340.439 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, 74, 201)` looks like.

```
.text, #text, p{  
    color:rgb(255, 74, 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(255, 74, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 74, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 83.417, 340.439 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, 74, 201) }
```

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

```
.border{ border-color:rgb(255, 74, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 74, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 74, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 74, 201);  
box-shadow:4px 4px 4px 4px rgb(255, 74,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 83.417, 340.439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 74, 201) }
```

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

```
.background{ background-color: rgb(255, 74,  
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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