

Converting Colors

CIELCh(60, 88.709, 341.293)

Have a look what the booklet for
CIELCh(60, 88.709, 341.293)
contains.

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Color

CIELCh(60, 88.639, 340.922)

Conversions

Conversions Part 1

Format	Color
Hex	FF37C5
RGB	255, 55, 197
RGB Percent	100%, 22%, 77%
CMY	0.0000, 0.7853, 0.2255
CMYK	0.00, 0.79, 0.23, 0.00
HSL	317°, 100%, 61%
HSV	317°, 79%, 100%
XYZ	52.9278, 28.1233, 55.7550
YIQ	130.9880, 73.6180, 86.5620

Conversions

Conversions Part 2

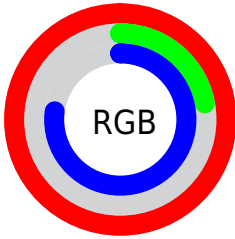
Format	Color
R _Y B	255, 55, 197
Decimal	16725957
CIE Lab	60.00, 83.77, -28.97
CIE LCh	60, 88.639, 340.922
Yxy	28.1233, 0.3869, 0.2056
Android (android.graphics.Color)	4294916037 (0xFFFF37C5)
YUV	130.9880, 32.5439, 108.7585
Hunter-Lab	53.0314, 85.3462, -25.2130

Details

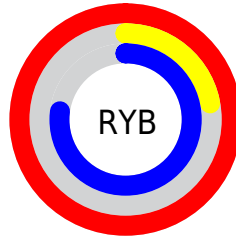
The CIELCh color **60, 88.639, 340.922** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **89, 93.079, 144.448**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 79.652, 327.361**, and **43, 76.967, 342.298** is the 20% darker color. If you saturate the color by 10%, you get **58, 92.040, 342.293**, and if you desaturate by 10%, it is **63, 82.188, 339.554**.

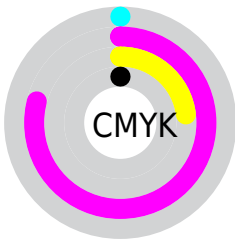
Distribution



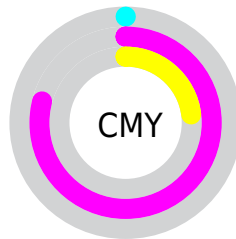
- Red (100%)
- Green (22%)
- Blue (77%)



- Red (100%)
- Yellow (22%)
- Blue (77%)



- Cyan (0%)
- Magenta (79%)
- Yellow (23%)
- Black (0%)




- Cyan (0%)
- Magenta (79%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 88.639, 340.922 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 60, 88.639, 340.922 by changing the saturation by 10% instead.

 60, 88.639,
340.922


 60, 88.639,
340.922


 100, 88.639,
340.922

 50, 88.639,
340.922


 80, 88.639,
340.922

 40, 88.639,
340.922

 90, 88.639,
340.922

 30, 88.639,
340.922

 20, 88.639,
340.922

 10, 88.639,
340.922

 0, 88.639, 340.922

 60, 88.639,

 60, 88.639,

340.922

340.922

■ 58, 92.040,
342.293

■ 63, 82.188,
339.554

■ 57, 92.732,
344.084

■ 67, 73.270,
338.472

■ 57, 92.732,
344.363

■ 71, 62.428,
337.510

■ 77, 50.302,
336.632

■ 82, 37.445,
335.817

■ 88, 24.283,
335.052

■ 95, 11.111,
334.317

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.



60, 88.639, 340.922



89, 93.079, 144.448

Rectangle

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



60, 88.639, 340.922



60, 88.639, 30.922



60, 88.639, 160.922



60, 88.639, 210.922

Sweetspot

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



60, 88.573, 340.804



85, 31.495, 335.465



43, 113.098, 307.717



43, 21.639, 335.741



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



60, 88.573, 340.804



57, 92.700, 343.235



57, 78.763, 18.309



50, 7.408, 334.389



43, 74.934, 344.000



11, 35.288, 341.580

Inverse Universe

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



60, 88.573, 340.804



57, 92.700, 343.235



90, 57.518, 172.738



50, 7.408, 334.389



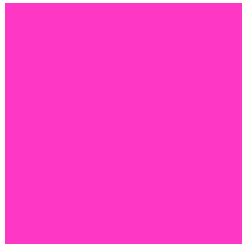
43, 74.934, 344.000



11, 35.288, 341.580

Previews

White Background



This preview shows how the CIELCh color 60, 88.639, 340.922 looks on a white background.

Color Contrast Check

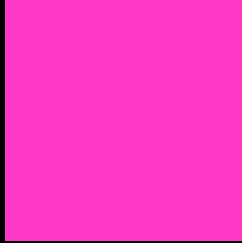
Large Text (above 18pt) WCAG AA ✓ Pass

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 60, 88.639, 340.922 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

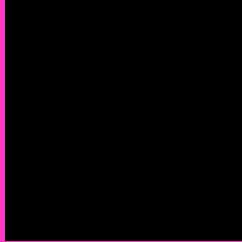
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 88.639, 340.922

Background



This preview shows how black text looks on a background with the CIELCh color 60, 88.639, 340.922.



This preview shows how white text looks on a background with the CIELCh color 60, 88.639, 340.922.

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
60, 88.365, 340.951

Protanopia
60, 64.435, 286.758

Deuteranopia
60, 24.899, 288.271



Tritanopia
60, 67.134, 26.042

Trichromacy



Original Color
60, 88.365, 340.951



Protanomaly
56, 71.474, 306.779



Deuteranomaly
57, 50.869, 322.547



Tritanomaly
59, 69.374, 6.020

Monochromacy



Original Color
60, 88.365, 340.951



Achromatopsia
55, 0.007, 296.813



Achromatomaly
53, 39.964, 336.823

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 88.639, 340.922 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, 55, 197)` looks like.

```
.text, #text, p{  
    color:rgb(255, 55, 197)  
}
```

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, 55, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 55, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 88.639, 340.922 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, 55, 197) }
```

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

```
.border{ border-color:rgb(255, 55, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 55, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 55, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 55, 197);  
box-shadow:4px 4px 4px 4px rgb(255, 55,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 88.639, 340.922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 55, 197) }
```

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

```
.background{ background-color: rgb(255, 55,  
197) }
```

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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