

Converting Colors

CIELCh(70, 83.857, 328.006)

Have a look what the booklet for
CIELCh(70, 83.857, 328.006)
contains.

CIELCh(70, 83.871, 327.709)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(70, 83.871, 327.709)

Conversions

Conversions Part 1

Format	Color
Hex	FF73FE
RGB	255, 115, 254
RGB Percent	100%, 45%, 100%
CMY	0.0000, 0.5500, 0.0049
CMYK	0.00, 0.55, 0.00, 0.00
HSL	301°, 100%, 72%
HSV	301°, 55%, 100%
XYZ	65.4764, 40.7494, 97.9696
YIQ	172.7060, 38.8210, 72.9090

Conversions

Conversions Part 2

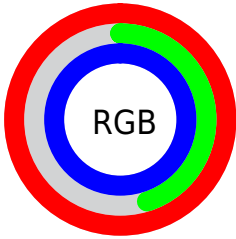
Format	Color
RYB	255, 115, 254
Decimal	16741374
CIELab	70.00, 70.90, -44.81
CIELCh	70, 83.871, 327.709
Yxy	40.7494, 0.3207, 0.1996
Android (android.graphics.Color)	4294931454 (0xFFFF73FE)
YUV	172.7060, 40.0779, 72.1718
Hunter-Lab	63.8353, 71.3774, -46.3092

Details

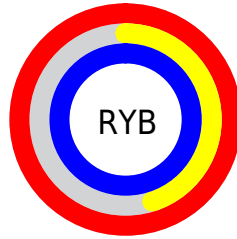
The CIELCh color **70, 83.871, 327.709** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **90, 84.513, 139.944**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **81, 51.272, 326.194**, and **50, 83.783, 327.360** is the 20% darker color. If you saturate the color by 10%, you get **66, 95.435, 327.919**, and if you desaturate by 10%, it is **74, 70.224, 327.090**.

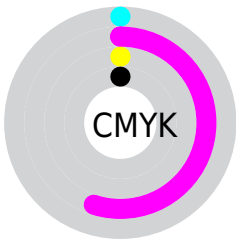
Distribution



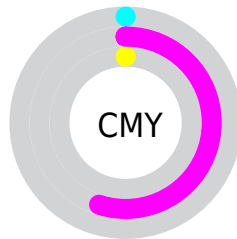
- Red (100%)
- Green (45%)
- Blue (100%)



- Red (100%)
- Yellow (45%)
- Blue (100%)



- Cyan (0%)
- Magenta (55%)
- Yellow (0%)
- Black (0%)





- Cyan (0%)
- Magenta (55%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 83.871, 327.709 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 70, 83.871, 327.709 by changing the saturation by 10% instead.


 70, 83.871,
327.709


 70, 83.871,
327.709


 100, 83.871,
327.709


 60, 83.871,
327.709


 90, 83.871,
327.709

 50, 83.871,
327.709

 40, 83.871,
327.709

 30, 83.871,
327.709

 20, 83.871,
327.709

 10, 83.871,
327.709

 0, 83.871, 327.709

70, 83.871,
327.709

70, 83.871,
327.709

66, 95.435,
327.919

74, 70.224,
327.090

63, 104.550,
328.218

79, 55.355,
326.590

61, 110.732,
328.429

85, 39.740,
326.055

60, 113.945,
328.555

91, 23.816,
325.499

60, 114.749,
328.596

97, 7.898, 324.916

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.



70, 83.871, 327.709



90, 84.513, 139.944

Rectangle

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



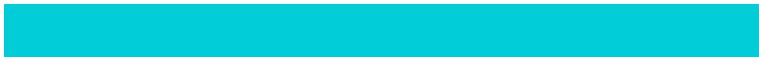
70, 83.871, 327.709



70, 83.871, 17.709



70, 83.871, 147.709



70, 83.871, 197.709

Sweetspot

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



70, 83.793, 327.539



90, 27.006, 325.611



55, 79.866, 298.653



46, 18.072, 325.724



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



70, 83.793, 327.539



66, 96.467, 327.953



67, 61.504, 349.909



50, 9.002, 325.185



45, 92.435, 328.590



12, 42.560, 328.547

Inverse Universe

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



70, 83.793, 327.539



66, 96.467, 327.953



91, 58.198, 157.564



50, 9.002, 325.185



45, 92.435, 328.590



12, 42.560, 328.547

Previews

White Background



This preview shows how the CIELCh color 70, 83.871, 327.709 looks on a white background.

Color Contrast Check

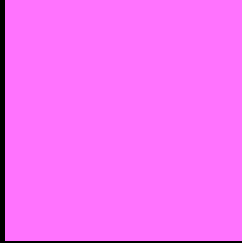
Large Text (above 18pt) WCAG AA × Fail

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 70, 83.871, 327.709 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

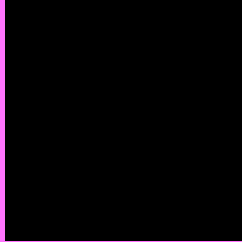
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 83.871, 327.709

Background



This preview shows how black text looks on a background with the CIELCh color 70, 83.871, 327.709.



This preview shows how white text looks on a background with the CIELCh color 70, 83.871, 327.709.

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

70, 83.765, 327.481

Protanopia

70, 47.899, 285.249

Deuteranopia

70, 41.435, 283.518



Tritanopia
70, 41.333, 15.636

Trichromacy



Original Color
70, 83.765, 327.481



Protanomaly
69, 59.256, 305.222



Deuteranomaly
68, 55.675, 306.410



Tritanomaly
69, 51.912, 348.636

Monochromacy



Original Color
70, 83.765, 327.481



Achromatopsia
71, 0.009, 296.813



Achromatomaly
69, 32.949, 326.340

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 83.871, 327.709 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, 115, 254)` looks like.

```
.text, #text, p{  
    color:rgb(255, 115, 254)  
}
```

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, 115, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 115, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 83.871, 327.709 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, 115, 254) }
```

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

```
.border{ border-color:rgb(255, 115, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 115, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 115, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 115, 254);  
box-shadow:4px 4px 4px 4px rgb(255, 115,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 83.871, 327.709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 115, 254) }
```

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

```
.background{ background-color: rgb(255,  
115, 254) }
```

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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