

Converting Colors

CIELCh(77, 108.821, 322.692)

Have a look what the booklet for
CIELCh(77, 108.821, 322.692)
contains.

CIELCh(70, 83.151, 327.238)	3
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Color

CIELCh(70, 83.151, 327.238)

Conversions

Conversions Part 1

Format	Color
Hex	FE74FE
RGB	254, 116, 254
RGB Percent	100%, 45%, 100%
CMY	0.0038, 0.5447, 0.0036
CMYK	0.00, 0.54, 0.00, 0.00
HSL	300°, 99%, 73%
HSV	300°, 54%, 100%
XYZ	65.0432, 40.7494, 98.2617
YIQ	172.9940, 37.9500, 72.1740

Conversions

Conversions Part 2

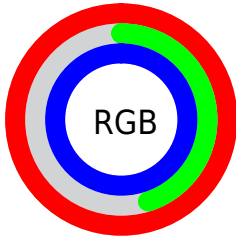
Format	Color
R_{YB}	254, 116, 254
Decimal	16676094
CIE _{Lab}	70.00, 69.92, -45.00
CIE _{LCh}	70, 83.151, 327.238
Yxy	40.7494, 0.3188, 0.1997
Android (android.graphics.Color)	4294866174 (0xFFFE74FE)
YUV	172.9940, 39.9360, 71.0423
Hunter-Lab	63.8353, 70.1659, -46.5805

Details

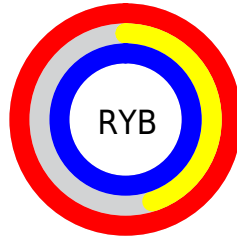
The CIELCh color **70, 83.151, 327.238** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **90, 83.794, 139.804**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **81, 51.272, 326.194**, and **50, 83.371, 327.113** is the 20% darker color. If you saturate the color by 10%, you get **66, 94.986, 327.610**, and if you desaturate by 10%, it is **74, 69.427, 326.795**.

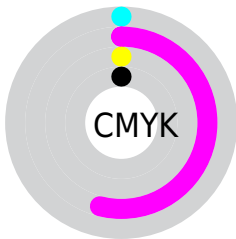
Distribution



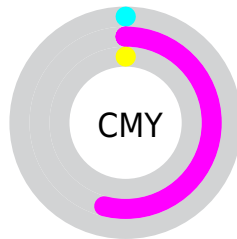
- Red (100%)
- Green (45%)
- Blue (100%)



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



- Cyan (0%)
- Magenta (54%)
- Yellow (0%)
- Black (0%)





- Cyan (0%)
- Magenta (54%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 83.151, 327.238 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, 83.151, 327.238 by changing the saturation by 10% instead.


 70, 83.151,
327.238


 70, 83.151,
327.238


 100, 83.151,
327.238


 60, 83.151,
327.238


 90, 83.151,
327.238

 50, 83.151,
327.238

 40, 83.151,
327.238

 30, 83.151,
327.238

 20, 83.151,
327.238

 10, 83.151,
327.238

 0, 83.151, 327.238

70, 83.151,
327.238

70, 83.151,
327.238

66, 94.986,
327.610

74, 69.427,
326.795

63, 104.340,
327.898

80, 54.447,
326.299

61, 110.788,
328.092

85, 38.753,
325.767

60, 114.266,
328.195

91, 22.774,
325.213

60, 115.248,
328.224

97, 6.818, 324.629

100, 0.565,
144.877

100, 0.564,
144.716

100, 0.563,
144.554

100, 0.562,
144.391

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



70, 83.151, 327.238



90, 83.794, 139.804

Rectangle

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



70, 83.151, 327.238



70, 83.151, 17.238



70, 83.151, 147.238



70, 83.151, 197.238

Sweetspot

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



70, 83.148, 327.238



90, 25.561, 325.309



56, 77.104, 297.925



47, 17.267, 325.424



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, 83.148, 327.238



66, 96.000, 327.634



67, 61.154, 348.745



50, 9.056, 324.941



45, 93.083, 328.224



12, 42.823, 328.225

Inverse Universe

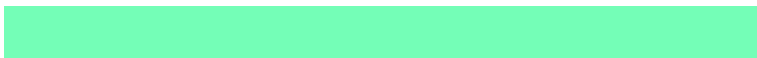
The Inverse Universe completely reimagines the original color for something new.



66, 58.597, 26.202



61, 71.866, 29.108



91, 58.228, 156.827



49, 5.254, 19.925



40, 84.219, 39.991



10, 33.366, 27.167

Previews

White Background



This preview shows how the CIELCh color 70, 83.151, 327.238 looks on a white background.

Color Contrast Check

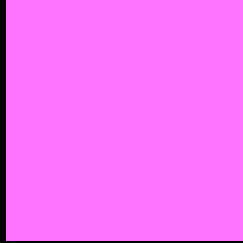
Large Text (above 18pt) WCAG AA × Fail

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, 83.151, 327.238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

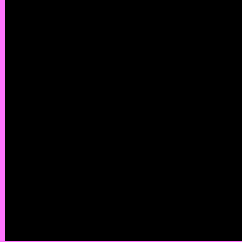
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 83.151, 327.238

Background



This preview shows how black text looks on a background with the CIELCh color 70, 83.151, 327.238.



This preview shows how white text looks on a background with the CIELCh color 70, 83.151, 327.238.

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, 83.164, 327.246

Protanopia

70, 47.359, 284.716

Deuteranopia

70, 41.435, 283.108



Tritanopia
70, 40.487, 15.348

Trichromacy



Original Color
70, 83.164, 327.246



Protanomaly
69, 58.602, 304.685



Deuteranomaly
69, 55.007, 305.844



Tritanomaly
70, 50.790, 348.218

Monochromacy



Original Color
70, 83.164, 327.246



Achromatopsia
71, 0.009, 296.813



Achromatomaly
69, 32.763, 325.780

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 83.151, 327.238 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(254, 116, 254)` looks like.

```
.text, #text, p{  
    color:rgb(254, 116, 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(254, 116, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 116, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 83.151, 327.238 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(254, 116, 254) }
```

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

```
.border{ border-color:rgb(254, 116, 254) }
```

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

Here you see how a box with a 4 pixel rgb(254, 116, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 116, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 116, 254);  
box-shadow:4px 4px 4px 4px rgb(254, 116,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 83.151, 327.238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 116, 254) }
```

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

```
.background{ background-color: rgb(254,  
116, 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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