

Converting Colors

CIELCh(71, 94.177, 322.640)

Have a look what the booklet for
CIELCh(71, 94.177, 322.640)
contains.

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Color

CIELCh(70, 84.068, 327.051)

Conversions

Conversions Part 1

Format	Color
Hex	FE73FF
RGB	254, 115, 255
RGB Percent	100%, 45%, 100%
CMY	0.0023, 0.5474, 0.0000
CMYK	0.00, 0.55, 0.00, 0.00
HSL	300°, 100%, 73%
HSV	300°, 55%, 100%
XYZ	65.3191, 40.7494, 99.3743
YIQ	172.5210, 37.9040, 73.0080

Conversions

Conversions Part 2

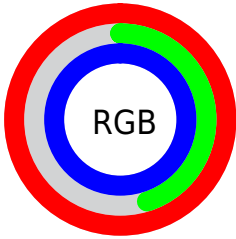
Format	Color
R_{YB}	254, 115, 255
Decimal	16675839
CIE _{Lab}	70.00, 70.55, -45.72
CIE _{LCh}	70, 84.068, 327.051
Yxy	40.7494, 0.3179, 0.1983
Android (android.graphics.Color)	4294865919 (0xFFFE73FF)
YUV	172.5210, 40.6621, 71.4571
Hunter-Lab	63.8353, 70.9376, -47.6138

Details

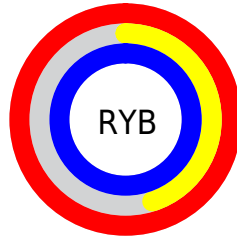
The CIELCh color $70, 84.068, 327.051$ is a light color, and the websafe version is hex `FF66FF`. A complement of this color would be $90, 84.542, 139.683$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $81, 51.272, 326.194$, and $50, 84.151, 326.910$ is the 20% darker color. If you saturate the color by 10%, you get $66, 95.690, 327.501$, and if you desaturate by 10%, it is $74, 70.206, 326.700$.

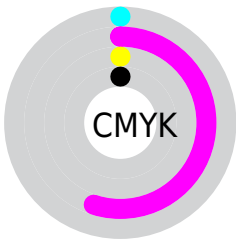
Distribution



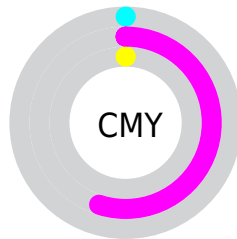
- Red (100%)
- Green (45%)
- Blue (100%)



- 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, 84.068, 327.051 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, 84.068, 327.051 by changing the saturation by 10% instead.


 70, 84.068,
327.051


 70, 84.068,
327.051


 100, 84.068,
327.051


 60, 84.068,
327.051


 90, 84.068,
327.051

 50, 84.068,
327.051

 40, 84.068,
327.051

 30, 84.068,
327.051

 20, 84.068,
327.051

 10, 84.068,
327.051

 0, 84.068, 327.051

70, 84.068,
327.051

70, 84.068,
327.051

66, 95.690,
327.501

74, 70.206,
326.700

63, 104.966,
327.778

80, 55.228,
326.209

61, 111.316,
327.959

85, 39.520,
325.681

60, 114.688,
328.047

91, 23.514,
325.130

60, 115.586,
328.065

97, 7.524, 324.552

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, 84.068, 327.051



90, 84.542, 139.683

Rectangle

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



70, 84.068, 327.051



70, 84.068, 17.051



70, 84.068, 147.051



70, 84.068, 197.051

Sweetspot

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



70, 83.903, 327.137



90, 25.531, 325.201



56, 78.021, 298.023



47, 17.247, 325.315



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, 83.903, 327.137



66, 97.005, 327.541



67, 61.764, 348.817



50, 9.045, 324.835



45, 93.098, 328.068



12, 42.829, 328.088

Inverse Universe

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



66, 59.216, 26.036



61, 72.931, 29.157



91, 58.812, 156.760



49, 5.253, 19.608



40, 84.037, 39.835



10, 33.333, 27.012

Previews

White Background



This preview shows how the CIELCh color 70, 84.068, 327.051 looks on a white background.

Color Contrast Check

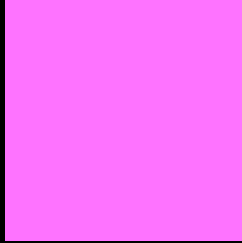
Large Text (above 18pt) WCAG AA × Fail

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, 84.068, 327.051 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

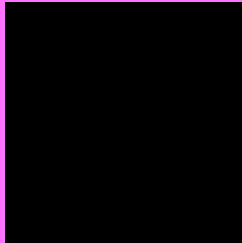
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 84.068, 327.051

Background



This preview shows how black text looks on a background with the CIELCh color 70, 84.068, 327.051.



This preview shows how white text looks on a background with the CIELCh color 70, 84.068, 327.051.

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, 84.068, 327.051

Protanopia

70, 47.359, 284.716

Deuteranopia

70, 41.962, 283.329



Tritanopia
70, 40.518, 16.107

Trichromacy



Original Color
70, 84.068, 327.051



Protanomaly
69, 58.638, 304.982



Deuteranomaly
69, 55.575, 306.077

Tritanomaly
69, 51.372, 348.842

Monochromacy



Original Color
70, 84.068, 327.051



Achromatopsia
71, 0.009, 296.813



Achromatomaly
69, 33.386, 325.800

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 84.068, 327.051 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, 115, 255)` looks like.

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

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, 115, 255) colored shadow looks like.

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

Border

The CSS property to change the border of an element to CIELCh 70, 84.068, 327.051 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, 115, 255) }
```

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

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

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

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

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

Background

The CSS property to change the background color of an element to CIELCh 70, 84.068, 327.051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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