

Converting Colors

CIELCh(68, 78.185, 327.030)

Have a look what the booklet for
CIELCh(68, 78.185, 327.030)
contains.

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Color

CIELCh(68, 78.056, 326.926)

Conversions

Conversions Part 1

Format	Color
Hex	F374F4
RGB	243, 116, 244
RGB Percent	95%, 45%, 96%
CMY	0.0480, 0.5459, 0.0440
CMYK	0.00, 0.53, 0.00, 0.04
HSL	300°, 85%, 71%
HSV	300°, 53%, 96%
XYZ	59.3974, 37.9720, 89.6084
YIQ	168.5650, 34.6040, 66.7320

Conversions

Conversions Part 2

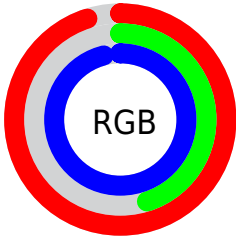
Format	Color
R _Y B	243, 116, 244
Decimal	15955188
CIE _{Lab}	68.00, 65.41, -42.60
CIE _{LCh}	68, 78.056, 326.926
Yxy	37.9720, 0.3177, 0.2031
Android (android.graphics.Color)	4294145268 (0xFFFF374F4)
YUV	168.5650, 37.1895, 65.2795
Hunter-Lab	61.6215, 64.2200, -43.0831

Details

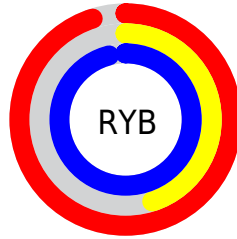
The CIELCh color **68, 78.056, 326.926** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **87, 78.524, 139.880**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **81, 51.272, 326.194**, and **48, 78.071, 326.978** is the 20% darker color. If you saturate the color by 10%, you get **64, 89.922, 327.304**, and if you desaturate by 10%, it is **72, 64.501, 326.479**.

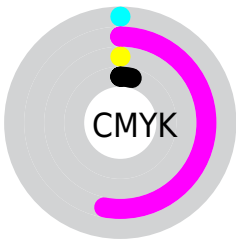
Distribution



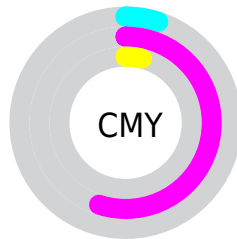
- Red (95%)
- Green (45%)
- Blue (96%)



- Red (95%)
- Yellow (45%)
- Blue (96%)



- Cyan (0%)
- Magenta (53%)
- Yellow (0%)
- Black (4%)



- Cyan (5%)
- Magenta (55%)
- Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 78.056, 326.926 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 68, 78.056, 326.926 by changing the saturation by 10% instead.

 68, 78.056,
326.926

 68, 78.056,
326.926

 100, 78.056,
326.926

 58, 78.056,
326.926


 88, 78.056,
326.926

 48, 78.056,
326.926

 98, 78.056,
326.926

 38, 78.056,
326.926

 28, 78.056,
326.926

 18, 78.056,
326.926

 8, 78.056, 326.926

 0, 78.056, 326.926

68, 78.056,
326.926

68, 78.056,
326.926

64, 89.922,
327.304

72, 64.501,
326.479

61, 99.511,
327.597

77, 49.856,
325.982

59, 106.356,
327.793

83, 34.622,
325.452

58, 110.304,
327.892

89, 19.185,
324.901

57, 111.729,
327.916

95, 3.821, 324.292

99, 6.941, 143.899

99, 6.902, 143.446

99, 6.864, 142.988

99, 6.827, 142.525

Harmonies

Complementary

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



68, 78.056, 326.926



87, 78.524, 139.880

Rectangle

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



68, 78.056, 326.926



68, 78.056, 16.926



68, 78.056, 146.926



68, 78.056, 196.926

Sweetspot

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



68, 78.053, 326.926



90, 25.503, 325.098



55, 71.814, 297.507



47, 17.228, 325.211



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



68, 78.053, 326.926



67, 93.762, 327.326



66, 57.410, 348.442



48, 8.737, 324.731



44, 91.257, 327.921



11, 40.572, 327.962

Inverse Universe

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



64, 54.363, 25.217



62, 69.180, 27.994



88, 54.664, 157.113



48, 5.079, 19.303



39, 82.183, 39.677



8, 30.973, 24.694

Previews

White Background



This preview shows how the CIELCh color 68, 78.056, 326.926 looks on a white background.

Color Contrast Check

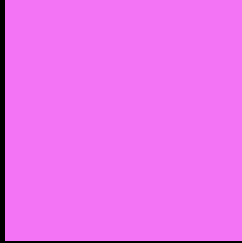
Large Text (above 18pt) WCAG AA × Fail

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 68, 78.056, 326.926 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

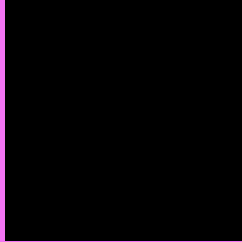
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 78.056, 326.926

Background



This preview shows how black text looks on a background with the CIELCh color 68, 78.056, 326.926.

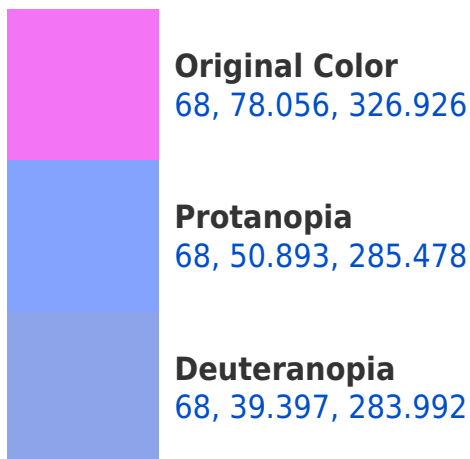


This preview shows how white text looks on a background with the CIELCh color 68, 78.056, 326.926.

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
68, 37.422, 14.328

Trichromacy



Original Color
68, 78.056, 326.926



Protanomaly
67, 58.679, 303.270



Deuteranomaly
67, 52.020, 306.122



Tritanomaly
68, 47.373, 347.659

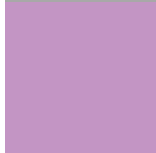
Monochromacy



Original Color
68, 78.056, 326.926



Achromatopsia
69, 0.009, 296.813



Achromatomaly
67, 30.788, 325.136

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 78.056, 326.926 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(243, 116, 244)` looks like.

```
.text, #text, p{  
    color:rgb(243, 116, 244)  
}
```

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(243, 116, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 116, 244) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 78.056, 326.926 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(243, 116, 244) }
```

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

```
.border{ border-color:rgb(243, 116, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 116, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 116, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 116, 244);  
box-shadow:4px 4px 4px 4px rgb(243, 116,  
244) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 78.056, 326.926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 116, 244) }
```

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

```
.background{ background-color: rgb(243,  
116, 244) }
```

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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