

Converting Colors

CIELCh(76, 56.227, 329.180)

Have a look what the booklet for
CIELCh(76, 56.227, 329.180)
contains.

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Color

CIELCh(76, 56.259, 329.328)

Conversions

Conversions Part 1

Format	Color
Hex	FA9AF1
RGB	250, 154, 241
RGB Percent	98%, 60%, 95%
CMY	0.0189, 0.3954, 0.0542
CMYK	0.00, 0.38, 0.04, 0.02
HSL	306°, 91%, 79%
HSV	306°, 38%, 98%
XYZ	66.9782, 49.8872, 89.4582
YIQ	192.6220, 29.2890, 47.4090

Conversions

Conversions Part 2

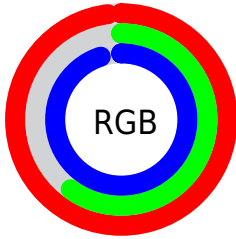
Format	Color
R _Y B	250, 154, 241
Decimal	16423665
CIE Lab	76.00, 48.39, -28.70
CIE LCh	76, 56.259, 329.328
Yxy	49.8872, 0.3246, 0.2418
Android (android.graphics.Color)	4294613745 (0xFFFA9AF1)
YUV	192.6220, 23.8504, 50.3205
Hunter-Lab	70.6309, 45.6647, -25.6527

Details

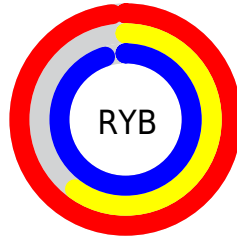
The CIELCh color **76, 56.259, 329.328** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **91, 56.313, 144.077**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 28.208, 325.407**, and **56, 56.552, 329.250** is the 20% darker color. If you saturate the color by 10%, you get **71, 69.768, 329.900**, and if you desaturate by 10%, it is **81, 41.894, 328.740**.

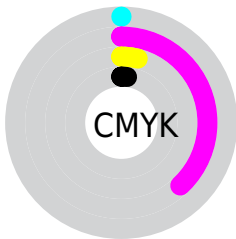
Distribution



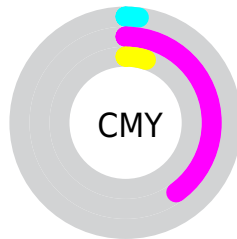
- Red (98%)
- Green (60%)
- Blue (95%)



- Red (98%)
- Yellow (60%)
- Blue (95%)



- Cyan (0%)
- Magenta (38%)
- Yellow (4%)
- Black (2%)





- Cyan (2%)
- Magenta (40%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 56.259, 329.328 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 76, 56.259, 329.328 by changing the saturation by 10% instead.


 76, 56.259,
329.328


 76, 56.259,
329.328


 100, 56.259,
329.328


 66, 56.259,
329.328


 96, 56.259,
329.328

 56, 56.259,
329.328

 46, 56.259,
329.328

 36, 56.259,
329.328

 26, 56.259,
329.328

 16, 56.259,
329.328

 6, 56.259, 329.328

0, 56.259, 329.328

76, 56.259,
329.328

76, 56.259,
329.328

71, 69.768,
329.900

81, 41.894,
328.740

67, 81.863,
330.447

87, 27.136,
328.145

63, 91.914,
330.964

93, 12.311,
327.543

61, 99.350,
331.450

99, 2.356, 147.135

59, 103.837,
331.913

100, 1.990,
167.506

58, 105.530,
332.369

100, 1.671,
199.696

■ 58,105.682,
332.444

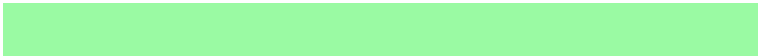
Harmonies

Complementary

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



76, 56.259, 329.328



91, 56.313, 144.077

Rectangle

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



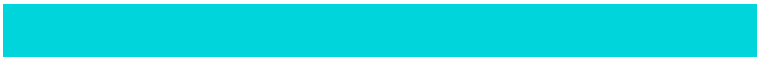
76, 56.259, 329.328



76, 56.259, 19.328



76, 56.259, 149.328



76, 56.259, 199.328

Sweetspot

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



76, 56.256, 329.328



92, 17.952, 327.764



68, 53.040, 297.817



48, 11.915, 327.843



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



76, 56.256, 329.328



73, 67.696, 329.769



74, 41.304, 352.622



49, 8.354, 327.612



44, 85.609, 332.364



11, 39.094, 331.796

Inverse Universe

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



76, 56.256, 329.328



73, 67.696, 329.769



92, 38.492, 164.458



49, 8.354, 327.612



44, 85.609, 332.364



11, 39.094, 331.796

Previews

White Background



This preview shows how the CIELCh color 76, 56.259, 329.328 looks on a white background.

Color Contrast Check

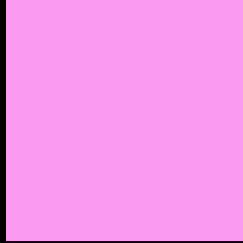
Large Text (above 18pt) WCAG AA × Fail

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 76, 56.259, 329.328 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

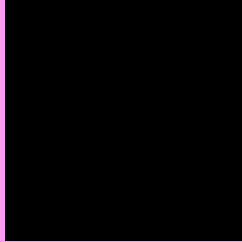
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 56.259, 329.328

Background



This preview shows how black text looks on a background with the CIELCh color 76, 56.259, 329.328.




This preview shows how white text looks on a background with the CIELCh color 76, 56.259, 329.328.

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
76, 29.740, 8.792

Trichromacy



Original Color
76, 56.259, 329.328



Protanomaly
75, 41.864, 303.986



Deuteranomaly
76, 36.945, 310.650

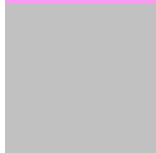


Tritanomaly
76, 37.091, 347.975

Monochromacy



Original Color
76, 56.259, 329.328



Achromatopsia
78, 0.009, 296.813



Achromatomaly
77, 21.382, 327.769

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 56.259, 329.328 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(250, 154, 241)` looks like.

```
.text, #text, p{  
    color:rgb(250, 154, 241)  
}
```

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(250, 154, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 154, 241) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 56.259, 329.328 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(250, 154, 241) }
```

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

```
.border{ border-color:rgb(250, 154, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 154, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 154, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 154, 241);  
box-shadow:4px 4px 4px 4px rgb(250, 154,  
241) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 56.259, 329.328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 154, 241) }
```

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

```
.background{ background-color: rgb(250,  
154, 241) }
```

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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