

Converting Colors

CIELCh(76, 62.086, 325.339)

Have a look what the booklet for
CIELCh(76, 62.086, 325.339)
contains.

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Color

CIELCh(76, 62.210, 325.425)

Conversions

Conversions Part 1

Format	Color
Hex	F998FD
RGB	249, 152, 253
RGB Percent	98%, 60%, 99%
CMY	0.0221, 0.4026, 0.0064
CMYK	0.02, 0.40, 0.00, 0.01
HSL	298°, 97%, 80%
HSV	298°, 40%, 99%
XYZ	68.2663, 49.8872, 99.2577
YIQ	192.5170, 25.3910, 51.9750

Conversions

Conversions Part 2

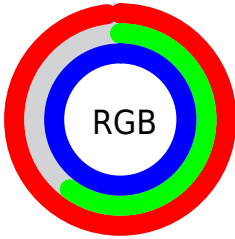
Format	Color
R _Y B	249, 152, 253
Decimal	16357629
CIE Lab	76.00, 51.22, -35.30
CIE LCh	76, 62.210, 325.425
Yxy	49.8872, 0.3140, 0.2295
Android (android.graphics.Color)	4294547709 (0xFFFF998FD)
YUV	192.5170, 29.8181, 49.5356
Hunter-Lab	70.6309, 48.9200, -33.8787

Details

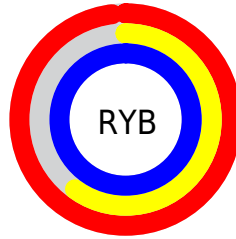
The CIELCh color **76, 62.210, 325.425** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **92, 62.147, 140.509**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 29.467, 325.450**, and **56, 62.262, 325.489** is the 20% darker color. If you saturate the color by 10%, you get **71, 76.543, 325.863**, and if you desaturate by 10%, it is **81, 46.950, 324.938**.

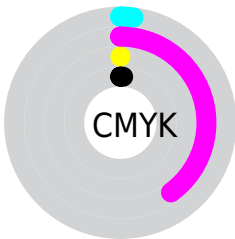
Distribution



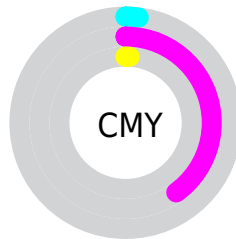
- Red (98%)
- Green (60%)
- Blue (99%)



- Red (98%)
- Yellow (60%)
- Blue (99%)



- Cyan (2%)
- Magenta (40%)
- Yellow (0%)
- Black (1%)





- Cyan (2%)
- Magenta (40%)
- Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 62.210, 325.425 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, 62.210, 325.425 by changing the saturation by 10% instead.


 76, 62.210,
325.425


 76, 62.210,
325.425


 100, 62.210,
325.425


 66, 62.210,
325.425


 96, 62.210,
325.425

 56, 62.210,
325.425

 46, 62.210,
325.425

 36, 62.210,
325.425

 26, 62.210,
325.425

 16, 62.210,
325.425

 6, 62.210, 325.425

76, 62.210,
325.425

76, 62.210,
325.425

71, 76.543,
325.863

81, 46.950,
324.938

67, 89.367,
326.230

87, 31.249,
324.420

63, 100.040,
326.505

93, 15.455,
323.885

61, 107.998,
326.669

100, 0.191,
144.940

59, 112.943,
326.714

100, 0.853,
124.947

58, 115.210,
326.650

100, 0.822,
110.022

■ 58,115.233,
326.649

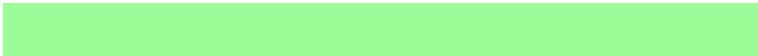
Harmonies

Complementary

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



76, 62.210, 325.425



92, 62.147, 140.509

Rectangle

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



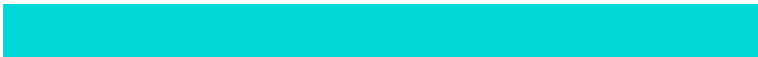
76, 62.210, 325.425



76, 62.210, 15.425



76, 62.210, 145.425



76, 62.210, 195.425

Sweetspot

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



76, 62.207, 325.425



92, 18.911, 324.001



68, 52.809, 293.701



48, 12.552, 324.071



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, 62.207, 325.425



72, 74.343, 325.787



75, 46.591, 344.806



50, 8.947, 323.865



44, 93.265, 326.676



12, 42.894, 326.862

Inverse Universe

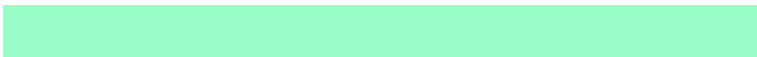
The Inverse Universe completely reimagines the original color for something new.



73, 40.769, 20.426



69, 50.471, 21.975



92, 44.968, 157.175



49, 5.255, 16.746



40, 82.527, 38.486



10, 33.046, 25.594

Previews

White Background



This preview shows how the CIELCh color 76, 62.210, 325.425 looks on a white background.

Color Contrast Check

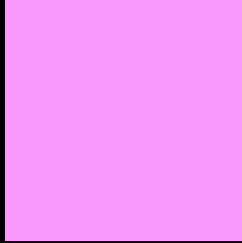
Large Text (above 18pt) WCAG AA × Fail

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, 62.210, 325.425 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

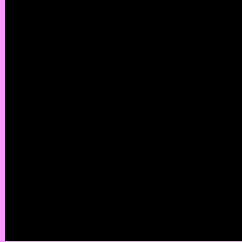
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 62.210, 325.425

Background



This preview shows how black text looks on a background with the CIELCh color 76, 62.210, 325.425.

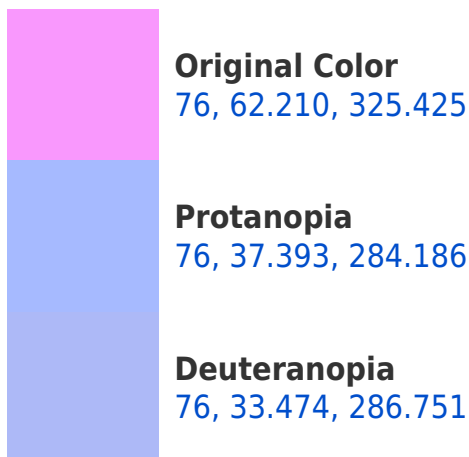


This preview shows how white text looks on a background with the CIELCh color 76, 62.210, 325.425.

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, 28.563, 8.094

Trichromacy



Original Color
76, 62.210, 325.425



Protanomaly
76, 43.911, 303.159



Deuteranomaly
76, 42.193, 306.197



Tritanomaly
76, 37.884, 343.758

Monochromacy



Original Color
76, 62.210, 325.425



Achromatopsia
78, 0.009, 296.813



Achromatomaly
77, 23.569, 323.860

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 62.210, 325.425 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(249, 152, 253)` looks like.

```
.text, #text, p{  
    color:rgb(249, 152, 253)  
}
```

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(249, 152, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 152, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 62.210, 325.425 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(249, 152, 253) }
```

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

```
.border{ border-color:rgb(249, 152, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 152, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 152, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 152, 253);  
box-shadow:4px 4px 4px 4px rgb(249, 152,  
253) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 62.210, 325.425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 152, 253) }
```

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

```
.background{ background-color: rgb(249,  
152, 253) }
```

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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