

Converting Colors

CIELCh(76, 62.210, 328.627)

Have a look what the booklet for
CIELCh(76, 62.210, 328.627)
contains.

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Color

CIELCh(76, 62.210, 328.627)

Conversions

Conversions Part 1

Format	Color
Hex	FF96F8
RGB	255, 150, 248
RGB Percent	100%, 59%, 97%
CMY	0.0000, 0.4115, 0.0272
CMYK	0.00, 0.41, 0.03, 0.00
HSL	304°, 100%, 79%
HSV	304°, 41%, 100%
XYZ	69.1353, 49.8872, 94.8468
YIQ	192.5670, 31.1220, 52.7380

Conversions

Conversions Part 2

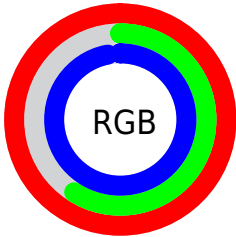
Format	Color
R _Y B	255, 150, 248
Decimal	16750328
CIE Lab	76.00, 53.11, -32.39
CIE LCh	76, 62.210, 328.627
Yxy	49.8872, 0.3233, 0.2333
Android (android.graphics.Color)	4294940408 (0xFFFF96F8)
YUV	192.5670, 27.3285, 54.7537
Hunter-Lab	70.6309, 51.1161, -30.1760

Details

The CIELCh color **76, 62.210, 328.627** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **92, 62.345, 142.998**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 30.725, 325.494**, and **56, 61.880, 328.580** is the 20% darker color. If you saturate the color by 10%, you get **71, 75.820, 329.139**, and if you desaturate by 10%, it is **81, 47.538, 328.047**.

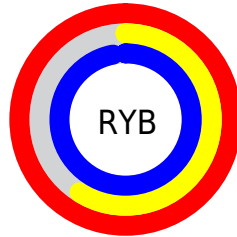
Distribution



Red (100%)

Green (59%)

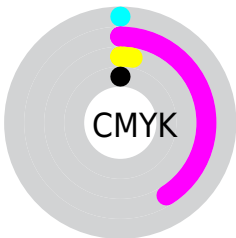
Blue (97%)



Red (100%)

Yellow (59%)

Blue (97%)

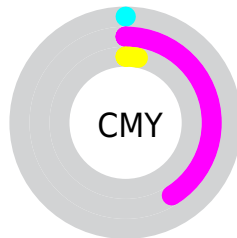


Cyan (0%)

Magenta (41%)

Yellow (3%)

Black (0%)



Cyan (0%)


Magenta (41%)


Yellow (3%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 62.210, 328.627 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, 328.627 by changing the saturation by 10% instead.


 76, 62.210,
328.627


 76, 62.210,
328.627


 100, 62.210,
328.627


 66, 62.210,
328.627


 96, 62.210,
328.627

 56, 62.210,
328.627

 46, 62.210,
328.627

 36, 62.210,
328.627

 26, 62.210,
328.627

 16, 62.210,
328.627

 6, 62.210, 328.627

■ 0, 62.210, 328.627

■ 76, 62.210,
328.627

■ 76, 62.210,
328.627

■ 71, 75.820,
329.139

■ 81, 47.538,
328.047

■ 67, 87.804,
329.631

■ 87, 32.345,
327.471

■ 64, 97.514,
330.077

■ 93, 16.994,
326.885

■ 61, 104.428,
330.472

■ 99, 1.748, 326.146

■ 60, 108.320,
330.822

100, 0.012,
296.813

■ 59, 109.618,
331.108

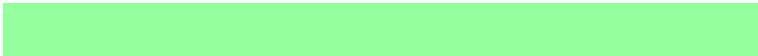
Harmonies

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, 328.627



92, 62.345, 142.998

Rectangle

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



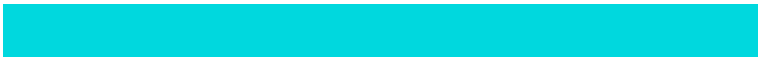
76, 62.210, 328.627



76, 62.210, 18.627



76, 62.210, 148.627



76, 62.210, 198.627

Sweetspot

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



76, 62.196, 328.607



93, 18.299, 326.935



67, 58.076, 297.272



48, 12.145, 327.012



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, 62.196, 328.607



72, 73.008, 329.027



74, 45.700, 350.900



50, 8.658, 326.787



45, 88.371, 331.055



12, 40.910, 330.694

Inverse Universe

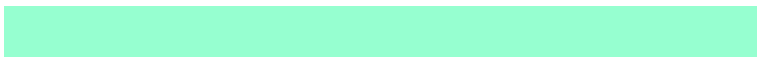
The Inverse Universe completely reimagines the original color for something new.



76, 62.196, 328.607



72, 73.008, 329.027



93, 42.880, 162.187



50, 8.658, 326.787



45, 88.371, 331.055



12, 40.910, 330.694

Previews

White Background



This preview shows how the CIELCh color 76, 62.210, 328.627 looks on a white background.

Color Contrast Check

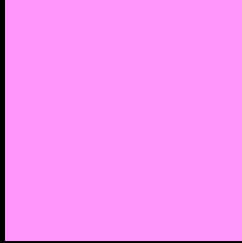
Large Text (above 18pt) WCAG AA × Fail

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, 328.627 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, 328.627

Background



This preview shows how black text looks on a background with the CIELCh color 76, 62.210, 328.627.

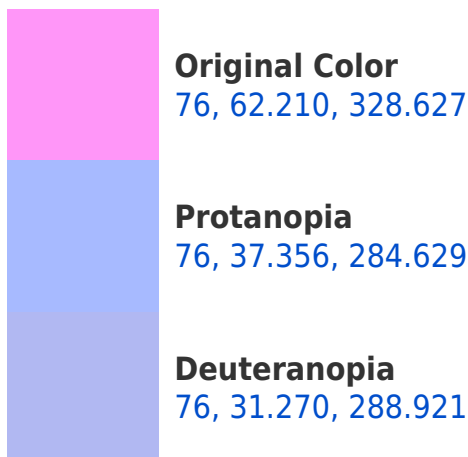


This preview shows how white text looks on a background with the CIELCh color 76, 62.210, 328.627.

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, 32.110, 10.071

Trichromacy



Original Color
76, 62.210, 328.627



Protanomaly
75, 43.632, 304.948



Deuteranomaly
75, 40.535, 309.131



Tritanomaly
76, 39.679, 348.137

Monochromacy



Original Color
76, 62.210, 328.627



Achromatopsia
78, 0.009, 296.813



Achromatomaly
77, 23.941, 327.604

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 62.210, 328.627 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(255, 150, 248)` looks like.

```
.text, #text, p{  
    color:rgb(255, 150, 248)  
}
```

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(255, 150, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 150, 248) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 62.210, 328.627 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(255, 150, 248) }
```

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

```
.border{ border-color:rgb(255, 150, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 150, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 150, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 150, 248);  
box-shadow:4px 4px 4px 4px rgb(255, 150,  
248) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 62.210, 328.627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 150, 248) }
```

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

```
.background{ background-color: rgb(255,  
150, 248) }
```

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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