

Converting Colors

CIELCh(77, 61.638, 325.635)

Have a look what the booklet for
CIELCh(77, 61.638, 325.635)
contains.

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Color

CIELCh(77, 61.683, 325.676)

Conversions

Conversions Part 1

Format	Color
Hex	FC9BFF
RGB	252, 155, 255
RGB Percent	99%, 61%, 100%
CMY	0.0105, 0.3910, 0.0000
CMYK	0.01, 0.39, 0.00, 0.00
HSL	298°, 100%, 80%
HSV	298°, 39%, 100%
XYZ	70.1258, 51.5317, 101.1152
YIQ	195.4030, 25.7120, 51.6640

Conversions

Conversions Part 2

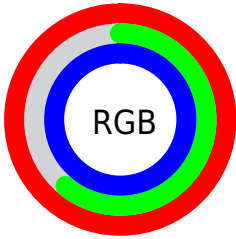
Format	Color
R _Y B	252, 155, 255
Decimal	16555007
CIE Lab	77.00, 50.94, -34.78
CIE LCh	77, 61.683, 325.676
Yxy	51.5317, 0.3148, 0.2313
Android (android.graphics.Color)	4294745087 (0xFFFC9BFF)
YUV	195.4030, 29.3813, 49.6356
Hunter-Lab	71.7856, 48.7479, -33.2643

Details

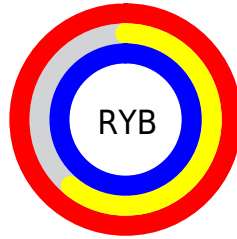
The CIELCh color **77, 61.683, 325.676** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **92, 61.546, 140.862**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **89, 27.578, 325.385**, and **57, 61.737, 325.746** is the 20% darker color. If you saturate the color by 10%, you get **72, 76.050, 326.212**, and if you desaturate by 10%, it is **82, 46.144, 325.262**.

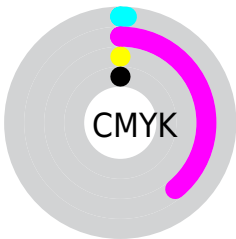
Distribution



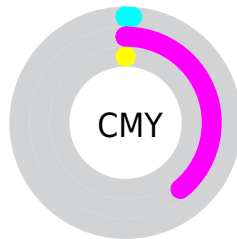
- Red (99%)
- Green (61%)
- Blue (100%)



- Red (99%)
- Yellow (61%)
- Blue (100%)



- Cyan (1%)
- Magenta (39%)
- Yellow (0%)
- Black (0%)





- Cyan (1%)
- Magenta (39%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 61.683, 325.676 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 77, 61.683, 325.676 by changing the saturation by 10% instead.


 77, 61.683,
325.676


 77, 61.683,
325.676


 100, 61.683,
325.676


 67, 61.683,
325.676


 97, 61.683,
325.676

 57, 61.683,
325.676

 47, 61.683,
325.676

 37, 61.683,
325.676

 27, 61.683,
325.676

 17, 61.683,
325.676

 7, 61.683, 325.676

0, 61.683, 325.676

77, 61.683,
325.676

77, 61.683,
325.676

72, 76.050,
326.212

82, 46.144,
325.262

68, 89.047,
326.596

88, 30.300,
324.734

64, 99.904,
326.894

94, 14.373,
324.189

62, 108.056,
327.089

100, 0.012,
296.813

60, 113.191,
327.172

59, 115.557,
327.153

■ 59,115.713,
327.149

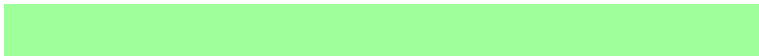
Harmonies

Complementary

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



77, 61.683, 325.676



92, 61.546, 140.862

Rectangle

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



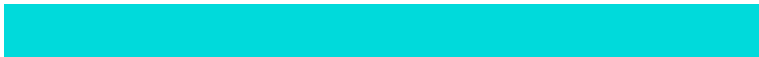
77, 61.683, 325.676



77, 61.683, 15.676



77, 61.683, 145.676



77, 61.683, 195.676

Sweetspot

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



77, 61.553, 325.760



93, 18.983, 324.349



69, 52.958, 294.216



48, 12.600, 324.421



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



77, 61.553, 325.760



73, 73.108, 326.122



76, 45.500, 345.648



50, 8.981, 324.211



45, 93.198, 327.168



12, 42.868, 327.295

Inverse Universe

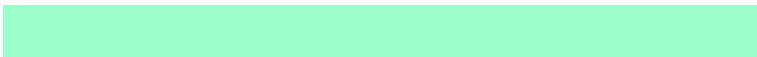
The Inverse Universe completely reimagines the original color for something new.



74, 40.197, 21.237



70, 49.460, 22.686



93, 43.772, 158.076



49, 5.253, 17.762



40, 83.037, 38.953



10, 33.145, 26.100

Previews

White Background



This preview shows how the CIELCh color 77, 61.683, 325.676 looks on a white background.

Color Contrast Check

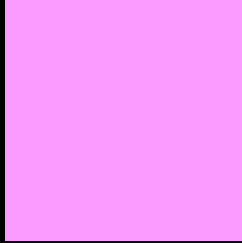
Large Text (above 18pt) WCAG AA × Fail

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 77, 61.683, 325.676 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

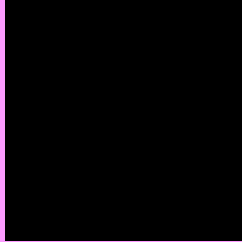
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 61.683, 325.676

Background



This preview shows how black text looks on a background with the CIELCh color 77, 61.683, 325.676.



This preview shows how white text looks on a background with the CIELCh color 77, 61.683, 325.676.

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
77, 61.683, 325.676

Protanopia
77, 36.202, 284.643

Deuteranopia
77, 33.362, 287.761



Tritanopia
77, 28.884, 8.291

Trichromacy



Original Color
77, 61.683, 325.676



Protanomaly
76, 43.403, 304.075



Deuteranomaly
76, 42.179, 306.620

Tritanomaly
77, 37.509, 344.384

Monochromacy



Original Color
77, 61.683, 325.676



Achromatopsia
79, 0.010, 296.813



Achromatomaly
78, 23.064, 324.568

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 61.683, 325.676 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(252, 155, 255)` looks like.

```
.text, #text, p{  
    color:rgb(252, 155, 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(252, 155, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 155, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 61.683, 325.676 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(252, 155, 255) }
```

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

```
.border{ border-color:rgb(252, 155, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 155, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 155, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 155, 255);  
box-shadow:4px 4px 4px 4px rgb(252, 155,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 61.683, 325.676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 155, 255) }
```

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

```
.background{ background-color: rgb(252,  
155, 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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