

Converting Colors

CIELCh(79, 83.994, 316.926)

Have a look what the booklet for
CIELCh(79, 83.994, 316.926)
contains.

CIELCh(77, 62.556, 326.285)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(77, 62.556, 326.285)

Conversions

Conversions Part 1

Format	Color
Hex	FE9AFF
RGB	254, 154, 255
RGB Percent	100%, 60%, 100%
CMY	0.0030, 0.3952, 0.0000
CMYK	0.00, 0.40, 0.00, 0.00
HSL	300°, 100%, 80%
HSV	300°, 40%, 100%
XYZ	70.6360, 51.5317, 101.0238
YIQ	195.4140, 27.1790, 52.6110

Conversions

Conversions Part 2

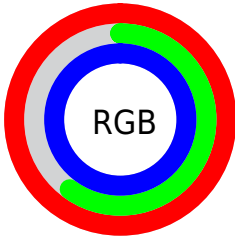
Format	Color
RYB	254, 154, 255
Decimal	16685823
CIELab	77.00, 52.03, -34.72
CIELCh	77, 62.556, 326.285
Yxy	51.5317, 0.3165, 0.2309
Android (android.graphics.Color)	4294875903 (0xFFFE9AFF)
YUV	195.4140, 29.3759, 51.3799
Hunter-Lab	71.7856, 50.0165, -33.1888

Details

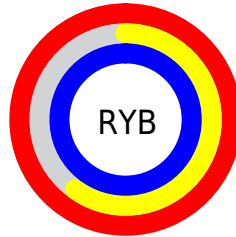
The CIELCh color **77, 62.556, 326.285** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **92, 62.549, 141.247**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **89, 28.208, 325.407**, and **57, 62.548, 326.395** is the 20% darker color. If you saturate the color by 10%, you get **72, 76.900, 326.813**, and if you desaturate by 10%, it is **82, 47.044, 325.838**.

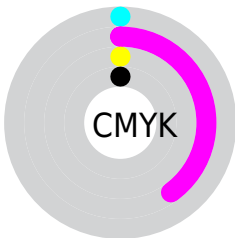
Distribution



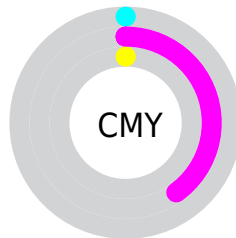
- Red (100%)
- Green (60%)
- Blue (100%)



- Red (100%)
- Yellow (60%)
- Blue (100%)



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



- Cyan (0%)
- Magenta (40%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 62.556, 326.285 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, 62.556, 326.285 by changing the saturation by 10% instead.

 77, 62.556,
326.285

 77, 62.556,
326.285


 100, 62.556,
326.285


 67, 62.556,
326.285


 97, 62.556,
326.285

 57, 62.556,
326.285

 47, 62.556,
326.285

 37, 62.556,
326.285

 27, 62.556,
326.285

 17, 62.556,
326.285

 7, 62.556, 326.285

■ 0, 62.556, 326.285

■ 77, 62.556,
326.285

■ 77, 62.556,
326.285

■ 72, 76.900,
326.813

■ 82, 47.044,
325.838

■ 68, 89.772,
327.213

■ 88, 31.145,
325.299

■ 65, 100.442,
327.532

■ 94, 15.131,
324.742

■ 62, 108.371,
327.758

■ 100, 0.012,
296.813

■ 61, 113.290,
327.884

■ 60, 115.522,
327.925

■ 60,115.603,
327.926

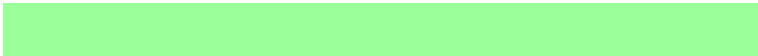
Harmonies

Complementary

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



77, 62.556, 326.285



92, 62.549, 141.247

Rectangle

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



77, 62.556, 326.285



77, 62.556, 16.285



77, 62.556, 146.285



77, 62.556, 196.285

Sweetspot

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



77, 62.459, 326.348



93, 19.096, 324.882



68, 54.573, 294.928



48, 12.674, 324.955



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, 62.459, 326.348



73, 73.382, 326.701



75, 45.536, 346.652



50, 9.035, 324.741



45, 93.111, 327.931



12, 42.834, 327.967

Inverse Universe

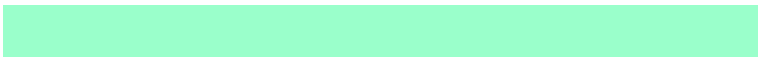
The Inverse Universe completely reimagines the original color for something new.



74, 40.863, 22.740



70, 49.744, 24.088



93, 43.619, 158.854



49, 5.253, 19.328



40, 83.879, 39.698



10, 33.304, 26.874

Previews

White Background



This preview shows how the CIELCh color 77, 62.556, 326.285 looks on a white background.

Color Contrast Check

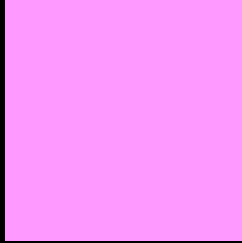
Large Text (above 18pt) WCAG AA × Fail

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, 62.556, 326.285 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

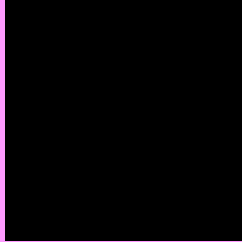
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 62.556, 326.285

Background



This preview shows how black text looks on a background with the CIELCh color 77, 62.556, 326.285.



This preview shows how white text looks on a background with the CIELCh color 77, 62.556, 326.285.

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, 62.556, 326.285

Protanopia
77, 36.202, 284.643

Deuteranopia
77, 33.362, 287.761



Tritanopia
77, 29.646, 8.739

Trichromacy



Original Color
77, 62.556, 326.285



Protanomaly
76, 43.455, 304.498



Deuteranomaly
76, 42.246, 307.060

Tritanomaly
77, 38.658, 344.901

Monochromacy



Original Color
77, 62.556, 326.285



Achromatopsia
79, 0.010, 296.813



Achromatomaly
78, 23.256, 325.339

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 62.556, 326.285 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(254, 154, 255)` looks like.

```
.text, #text, p{  
    color:rgb(254, 154, 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(254, 154, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 154, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 62.556, 326.285 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(254, 154, 255) }
```

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

```
.border{ border-color:rgb(254, 154, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 154, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 154, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 154, 255);  
box-shadow:4px 4px 4px 4px rgb(254, 154,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 62.556, 326.285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 154, 255) }
```

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

```
.background{ background-color: rgb(254,  
154, 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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