

Converting Colors

CIELCh(75, 41.304, 343.750)

Have a look what the booklet for
CIELCh(75, 41.304, 343.750)
contains.

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Color

CIELCh(75, 41.659, 343.735)

Conversions

Conversions Part 1

Format	Color
Hex	F69DCF
RGB	246, 157, 207
RGB Percent	96%, 62%, 81%
CMY	0.0348, 0.3838, 0.1878
CMYK	0.00, 0.36, 0.16, 0.03
HSL	326°, 83%, 79%
HSV	326°, 36%, 97%
XYZ	61.4020, 48.2781, 65.1880
YIQ	189.3110, 36.9940, 34.4180

Conversions

Conversions Part 2

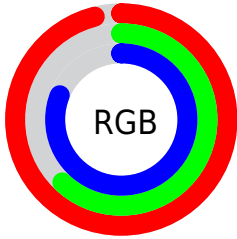
Format	Color
R _Y B	246, 157, 207
Decimal	16162255
CIE Lab	75.00, 39.99, -11.67
CIE LCh	75, 41.659, 343.735
Yxy	48.2781, 0.3511, 0.2761
Android (android.graphics.Color)	4294352335 (0xFFFF69DCF)
YUV	189.3110, 8.7207, 49.7163
Hunter-Lab	69.4824, 36.1470, -6.9878

Details

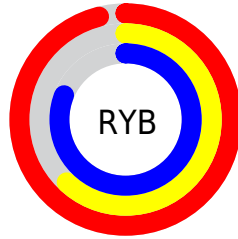
The CIELCh color $75, 41.659, 343.735$ is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be $90, 40.389, 157.071$, and the grayscale version is $77, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 26.319, 325.341$, and $55, 41.650, 343.457$ is the 20% darker color. If you saturate the color by 10%, you get $70, 52.719, 344.914$, and if you desaturate by 10%, it is $81, 30.137, 342.699$.

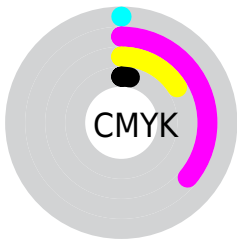
Distribution



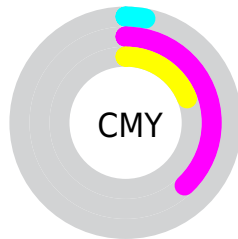
- Red (96%)
- Green (62%)
- Blue (81%)



- Red (96%)
- Yellow (62%)
- Blue (81%)



- Cyan (0%)
- Magenta (36%)
- Yellow (16%)
- Black (3%)





- Cyan (3%)
- Magenta (38%)
- Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 41.659, 343.735 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 75, 41.659, 343.735 by changing the saturation by 10% instead.


 75, 41.659,
343.735


 75, 41.659,
343.735


 100, 41.659,
343.735


 65, 41.659,
343.735


 95, 41.659,
343.735

 55, 41.659,
343.735

 45, 41.659,
343.735

 35, 41.659,
343.735

 25, 41.659,
343.735

 15, 41.659,
343.735

 5, 41.659, 343.735

■ 0, 41.659, 343.735

■ 75, 41.659,
343.735

■ 75, 41.659,
343.735

■ 70, 52.719,
344.914

■ 81, 30.137,
342.699

■ 65, 62.853,
346.283

■ 87, 18.504,
341.765

■ 61, 71.477,
347.921

■ 93, 6.986, 340.887

■ 99, 3.942, 161.724

■ 57, 77.997,
349.932

■ 99, 3.072, 199.426

■ 55, 81.983,
352.454

■ 54, 83.416,
355.628

■ 53, 83.586,
356.982

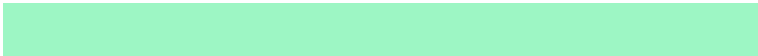
Harmonies

Complementary

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



75, 41.659, 343.735



90, 40.389, 157.071

Rectangle

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



75, 41.659, 343.735



75, 41.659, 33.735



75, 41.659, 163.735



75, 41.659, 213.735

Sweetspot

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



75, 41.656, 343.736



93, 12.899, 341.313



71, 50.279, 308.714



49, 8.679, 341.431



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



75, 41.656, 343.736



74, 50.728, 344.533



74, 35.573, 17.756



48, 6.437, 341.179



40, 67.949, 356.292



9, 30.951, 351.240

Inverse Universe

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



75, 41.656, 343.736



74, 50.728, 344.533



91, 28.481, 191.348



48, 6.437, 341.179



40, 67.949, 356.292



9, 30.951, 351.240

Previews

White Background



This preview shows how the CIELCh color 75, 41.659, 343.735 looks on a white background.

Color Contrast Check

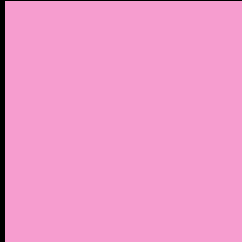
Large Text (above 18pt) WCAG AA × Fail

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 75, 41.659, 343.735 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 75, 41.659, 343.735

Background



This preview shows how black text looks on a background with the CIELCh color 75, 41.659, 343.735.



This preview shows how white text looks on a background with the CIELCh color 75, 41.659, 343.735.

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
75, 41.659, 343.735

Protanopia
75, 22.210, 286.196

Deuteranopia
75, 13.618, 314.659



Tritanopia
75, 31.753, 10.868

Trichromacy



Original Color
75, 41.659, 343.735



Protanomaly
75, 25.731, 313.800



Deuteranomaly
75, 23.095, 333.173

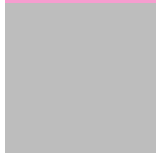


Tritanomaly
75, 34.253, 358.963

Monochromacy



Original Color
75, 41.659, 343.735



Achromatopsia
77, 0.009, 296.813



Achromatomaly
76, 15.960, 341.009

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 41.659, 343.735 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(246, 157, 207)` looks like.

```
.text, #text, p{  
    color:rgb(246, 157, 207)  
}
```

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(246, 157, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 157, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 41.659, 343.735 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(246, 157, 207) }
```

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

```
.border{ border-color:rgb(246, 157, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 157, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(246, 157, 207); -webkit-box-shadow:4px 4px 4px 4px rgb(246, 157, 207); box-shadow:4px 4px 4px 4px rgb(246, 157, 207) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 41.659, 343.735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 157, 207) }
```

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

```
.background{ background-color: rgb(246,  
157, 207) }
```

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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