

Converting Colors

CIELCh(85, 66.204, 359.692)

Have a look what the booklet for
CIELCh(85, 66.204, 359.692)
contains.

CIELCh(76, 46.663, 341.871)	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(76, 46.663, 341.871)

Conversions

Conversions Part 1

Format	Color
Hex	FE9CD7
RGB	254, 156, 215
RGB Percent	100%, 61%, 84%
CMY	0.0032, 0.3872, 0.1559
CMYK	0.00, 0.39, 0.15, 0.00
HSL	324°, 98%, 80%
HSV	324°, 39%, 100%
XYZ	65.1694, 49.8872, 70.6422
YIQ	192.0280, 39.4690, 39.1250

Conversions

Conversions Part 2

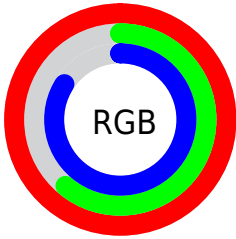
Format	Color
RYB	254, 156, 215
Decimal	16686295
CIELab	76.00, 44.35, -14.52
CIELCh	76, 46.663, 341.871
Yxy	49.8872, 0.3509, 0.2686
Android (android.graphics.Color)	4294876375 (0xFFFE9CD7)
YUV	192.0280, 11.3252, 54.3494
Hunter-Lab	70.6309, 41.0935, -9.8578

Details

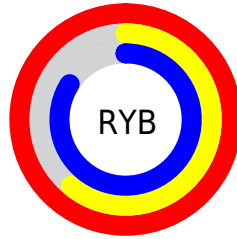
The CIELCh color **76, 46.663, 341.871** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **93, 45.520, 154.935**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 26.948, 325.363**, and **56, 46.982, 342.057** is the 20% darker color. If you saturate the color by 10%, you get **71, 58.047, 342.993**, and if you desaturate by 10%, it is **82, 34.652, 340.876**.

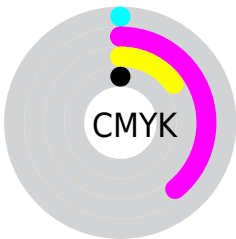
Distribution



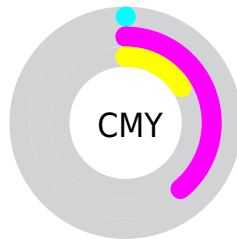
- Red (100%)
- Green (61%)
- Blue (84%)



- Red (100%)
- Yellow (61%)
- Blue (84%)



- Cyan (0%)
- Magenta (39%)
- Yellow (15%)
- Black (0%)





- Cyan (0%)
- Magenta (39%)
- Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 46.663, 341.871 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, 46.663, 341.871 by changing the saturation by 10% instead.


 76, 46.663,
341.871


 76, 46.663,
341.871


 100, 46.663,
341.871


 66, 46.663,
341.871


 96, 46.663,
341.871

 56, 46.663,
341.871

 46, 46.663,
341.871

 36, 46.663,
341.871

 26, 46.663,
341.871

 16, 46.663,
341.871

 6, 46.663, 341.871

■ 0, 46.663, 341.871

■ 76, 46.663,
341.871

■ 76, 46.663,
341.871

■ 71, 58.047,
342.993

■ 82, 34.652,
340.876

■ 66, 68.283,
344.287

■ 88, 22.420,
339.974

■ 62, 76.746,
345.822

■ 94, 10.233,
339.133

■ 59, 82.835,
347.695

100, 0.281,
201.746

■ 57, 86.175,
350.027

■ 56, 86.941,
352.925

■ 55, 86.969,
353.381

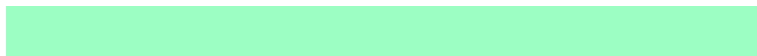
Harmonies

Complementary

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



76, 46.663, 341.871



93, 45.520, 154.935

Rectangle

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



76, 46.663, 341.871



76, 46.663, 31.871



76, 46.663, 161.871



76, 46.663, 211.871

Sweetspot

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



76, 46.660, 341.872



92, 14.486, 339.422



71, 54.862, 307.261



48, 9.620, 339.531



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, 46.660, 341.872



72, 55.398, 342.697



75, 39.024, 14.355



50, 6.848, 339.215



42, 70.429, 352.788



11, 33.186, 348.799

Inverse Universe

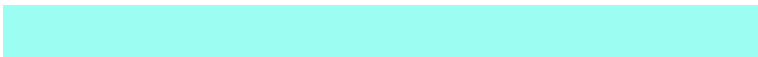
The Inverse Universe completely reimagines the original color for something new.



76, 46.660, 341.872



72, 55.398, 342.697



94, 31.587, 186.613



50, 6.848, 339.215



42, 70.429, 352.788



11, 33.186, 348.799

Previews

White Background



This preview shows how the CIELCh color 76, 46.663, 341.871 looks on a white background.

Color Contrast Check

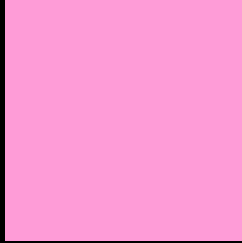
Large Text (above 18pt) WCAG AA × Fail

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, 46.663, 341.871 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, 46.663, 341.871

Background



This preview shows how black text looks on a background with the CIELCh color 76, 46.663, 341.871.



This preview shows how white text looks on a background with the CIELCh color 76, 46.663, 341.871.

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

76, 46.693, 341.886

Protanopia

76, 26.489, 285.535

Deuteranopia

76, 15.747, 307.187



Tritanopia
76, 34.050, 11.910

Trichromacy



Original Color
76, 46.693, 341.886



Protanomaly
76, 30.432, 311.753



Deuteranomaly
76, 26.742, 328.160



Tritanomaly
76, 37.474, 358.912

Monochromacy



Original Color
76, 46.693, 341.886



Achromatopsia
78, 0.009, 296.813



Achromatomaly
77, 17.439, 340.725

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 46.663, 341.871 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, 156, 215)` looks like.

```
.text, #text, p{  
    color:rgb(254, 156, 215)  
}
```

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, 156, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 156, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 46.663, 341.871 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, 156, 215) }
```

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

```
.border{ border-color:rgb(254, 156, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 156, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 156, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 156, 215);  
box-shadow:4px 4px 4px 4px rgb(254, 156,  
215) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 46.663, 341.871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 156, 215) }
```

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

```
.background{ background-color: rgb(254,  
156, 215) }
```

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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