

Converting Colors

CIELCh(75, 46.366, 346.086)

Have a look what the booklet for
CIELCh(75, 46.366, 346.086)
contains.

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Color

CIELCh(75, 46.153, 346.543)

Conversions

Conversions Part 1

Format	Color
Hex	FF99CE
RGB	255, 153, 206
RGB Percent	100%, 60%, 81%
CMY	0.0016, 0.4015, 0.1937
CMYK	0.00, 0.40, 0.19, 0.00
HSL	329°, 99%, 80%
HSV	329°, 40%, 100%
XYZ	63.5114, 48.2781, 64.1180
YIQ	189.5400, 43.7790, 38.1070

Conversions

Conversions Part 2

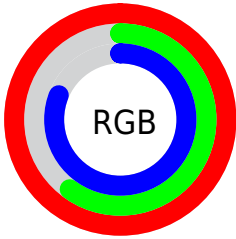
Format	Color
R_{YB}	255, 153, 206
Decimal	16751054
CIE _{Lab}	75.00, 44.89, -10.74
CIE _{LCh}	75, 46.153, 346.543
Y _{xy}	48.2781, 0.3611, 0.2745
Android (android.graphics.Color)	4294941134 (0xFFFF99CE)
Y _{UV}	189.5400, 8.1148, 57.4084
Hunter-Lab	69.4824, 41.5663, -6.0748

Details

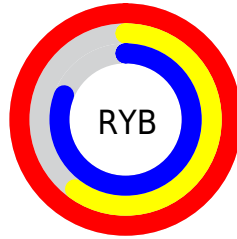
The CIELCh color $75, 46.153, 346.543$ is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be $93, 44.223, 158.637$, and the grayscale version is $77, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 28.837, 325.429$, and $55, 46.378, 346.137$ is the 20% darker color. If you saturate the color by 10%, you get $70, 57.024, 347.905$, and if you desaturate by 10%, it is $81, 34.683, 345.372$.

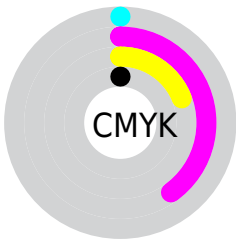
Distribution



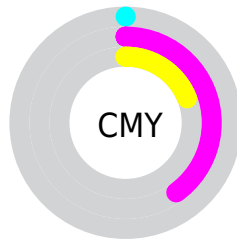
- Red (100%)
- Green (60%)
- Blue (81%)



- Red (100%)
- Yellow (60%)
- Blue (81%)



- Cyan (0%)
- Magenta (40%)
- Yellow (19%)
- Black (0%)





- Cyan (0%)
- Magenta (40%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 46.153, 346.543 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, 46.153, 346.543 by changing the saturation by 10% instead.


 75, 46.153,
346.543


 75, 46.153,
346.543


 100, 46.153,
346.543


 65, 46.153,
346.543


 95, 46.153,
346.543

 55, 46.153,
346.543

 45, 46.153,
346.543

 35, 46.153,
346.543

 25, 46.153,
346.543

 15, 46.153,
346.543

 5, 46.153, 346.543

■ 0, 46.153, 346.543

■ 75, 46.153,
346.543

■ 75, 46.153,
346.543

■ 70, 57.024,
347.905

■ 81, 34.683,
345.372

■ 65, 66.782,
349.528

■ 87, 23.019,
344.338

■ 61, 74.813,
351.516

■ 93, 11.424,
343.400

■ 58, 80.562,
354.007

■ 100, 0.064,
335.063

■ 56, 83.746,
357.163

■ 100, 0.143,
204.047

■ 55, 84.795, 1.033

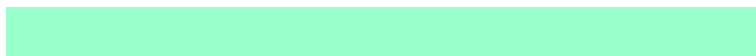
Harmonies

Complementary

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



75, 46.153, 346.543



93, 44.223, 158.637

Rectangle

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



75, 46.153, 346.543



75, 46.153, 36.543



75, 46.153, 166.543



75, 46.153, 216.543

Sweetspot

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



75, 46.150, 346.544



92, 13.690, 343.578



71, 57.691, 310.032



48, 9.093, 343.698



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, 46.150, 346.544



71, 54.940, 347.609



74, 41.186, 20.920



50, 6.468, 343.350



41, 68.498, 0.250



10, 32.068, 354.959

Inverse Universe

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



75, 46.150, 346.544



71, 54.940, 347.609



94, 31.476, 194.247



50, 6.468, 343.350



41, 68.498, 0.250



10, 32.068, 354.959

Previews

White Background



This preview shows how the CIELCh color 75, 46.153, 346.543 looks on a white background.

Color Contrast Check

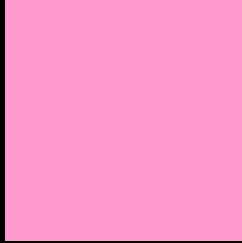
Large Text (above 18pt) WCAG AA × Fail

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, 46.153, 346.543 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, 46.153, 346.543

Background



This preview shows how black text looks on a background with the CIELCh color 75, 46.153, 346.543.

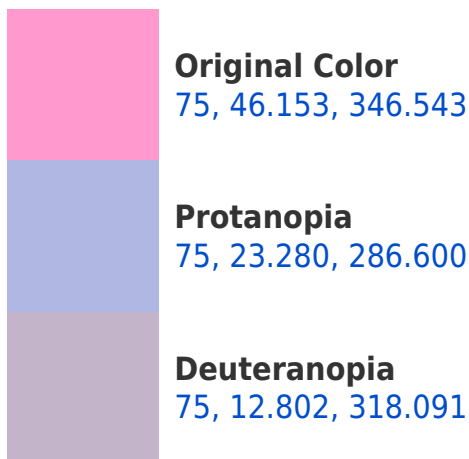


This preview shows how white text looks on a background with the CIELCh color 75, 46.153, 346.543.

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
75, 36.582, 12.977

Trichromacy



Original Color
75, 46.153, 346.543



Protanomaly
75, 28.044, 316.711



Deuteranomaly
75, 24.737, 335.716



Tritanomaly
75, 38.738, 1.632

Monochromacy



Original Color
75, 46.153, 346.543



Achromatopsia
77, 0.009, 296.813



Achromatomaly
76, 17.146, 344.396

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 46.153, 346.543 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, 153, 206)` looks like.

```
.text, #text, p{  
    color:rgb(255, 153, 206)  
}
```

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, 153, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 153, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 46.153, 346.543 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, 153, 206) }
```

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

```
.border{ border-color:rgb(255, 153, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 153, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 153, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 153, 206);  
box-shadow:4px 4px 4px 4px rgb(255, 153,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 46.153, 346.543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 153, 206) }
```

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

```
.background{ background-color: rgb(255,  
153, 206) }
```

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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