

Converting Colors

CIELCh(75, 40.453, 2.234)

Have a look what the booklet for
CIELCh(75, 40.453, 2.234) contains.

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Color

CIELCh(75, 40.696, 2.198)

Conversions

Conversions Part 1

Format	Color
Hex	FF9BB7
RGB	255, 155, 183
RGB Percent	100%, 61%, 72%
CMY	0.0000, 0.3911, 0.2813
CMYK	0.00, 0.39, 0.28, 0.00
HSL	343°, 100%, 80%
HSV	343°, 39%, 100%
XYZ	61.6898, 48.2781, 51.0134
YIQ	188.0920, 50.6120, 29.9080

Conversions

Conversions Part 2

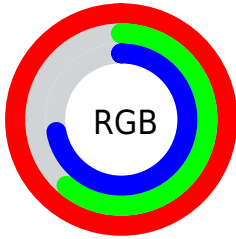
Format	Color
R _Y B	255, 155, 183
Decimal	16751543
CIE Lab	75.00, 40.67, 1.56
CIE LCh	75, 40.696, 2.198
Yxy	48.2781, 0.3832, 0.2999
Android (android.graphics.Color)	4294941623 (0xFFFF9BB7)
YUV	188.0920, -2.5104, 58.6783
Hunter-Lab	69.4824, 36.8865, 5.1075

Details

The CIELCh color $75, 40.696, 2.198$ is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be $93, 35.729, 173.270$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 21.417, 338.264$, and $55, 40.536, 2.379$ is the 20% darker color. If you saturate the color by 10%, you get $69, 51.205, 4.037$, and if you desaturate by 10%, it is $81, 29.839, 0.567$.

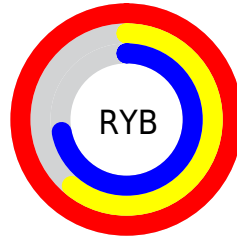
Distribution



Red (100%)

Green (61%)

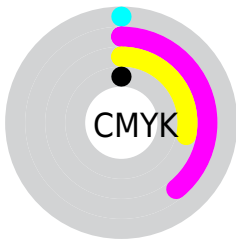
Blue (72%)



Red (100%)

Yellow (61%)

Blue (72%)

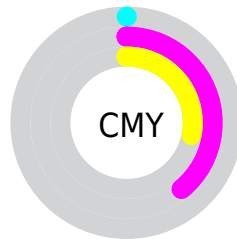


Cyan (0%)

Magenta (39%)

Yellow (28%)

Black (0%)



Cyan (0%)

Magenta (39%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 40.696, 2.198 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, 40.696, 2.198 by changing the saturation by 10% instead.

 75, 40.696, 2.198

 75, 40.696, 2.198

 100, 40.696, 2.198

 65, 40.696, 2.198

 95, 40.696, 2.198

 55, 40.696, 2.198

 45, 40.696, 2.198

 35, 40.696, 2.198

 25, 40.696, 2.198

 15, 40.696, 2.198

 5, 40.696, 2.198

 0, 40.696, 2.198

 75, 40.696, 2.198

 75, 40.696, 2.198

■ 69, 51.205, 4.037

■ 81, 29.839, 0.567

■ 64, 61.283, 6.421

■ 87, 19.246,
359.260

■ 60, 70.341, 9.443

■ 94, 8.985, 358.123

■ 57, 77.955, 13.277

100, 0.012,
296.813

■ 55, 83.976, 18.040

■ 54, 88.791, 23.584

■ 54, 89.226, 24.074

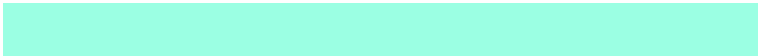
Harmonies

Complementary

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



75, 40.696, 2.198



93, 35.729, 173.270

Rectangle

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



75, 40.696, 2.198



75, 40.696, 52.198



75, 40.696, 182.198



75, 40.696, 232.198

Sweetspot

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



75, 40.588, 2.128



92, 11.911, 358.440



74, 58.445, 317.943



48, 7.923, 358.586



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, 40.588, 2.128



71, 48.997, 3.599



79, 34.357, 41.009



50, 5.613, 358.166



40, 71.379, 22.984



10, 31.545, 14.060

Inverse Universe

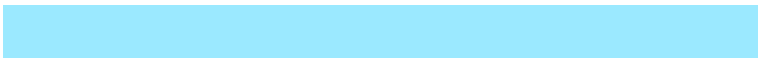
The Inverse Universe completely reimagines the original color for something new.



75, 40.588, 2.128



71, 48.997, 3.599



88, 25.924, 224.029



50, 5.613, 358.166



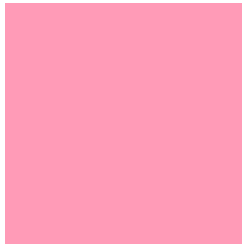
40, 71.379, 22.984



10, 31.545, 14.060

Previews

White Background



This preview shows how the CIELCh color 75, 40.696, 2.198 looks on a white background.

Color Contrast Check

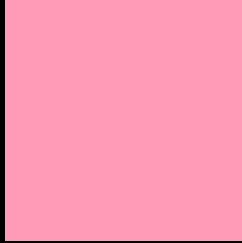
Large Text (above 18pt) WCAG AA × Fail

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, 40.696, 2.198 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, 40.696, 2.198

Background



This preview shows how black text looks on a background with the CIELCh color 75, 40.696, 2.198.



This preview shows how white text looks on a background with the CIELCh color 75, 40.696, 2.198.

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, 38.196, 14.386

Trichromacy



Original Color
75, 40.696, 2.198



Protanomaly
75, 17.195, 342.154



Deuteranomaly
75, 21.139, 5.178



Tritanomaly
75, 38.700, 9.831

Monochromacy



Original Color
75, 40.696, 2.198



Achromatopsia
76, 0.009, 296.813



Achromatomaly
75, 14.638, 359.195

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 40.696, 2.198 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, 155, 183)` looks like.

```
.text, #text, p{  
    color:rgb(255, 155, 183)  
}
```

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, 155, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 155, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 40.696, 2.198 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, 155, 183) }
```

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

```
.border{ border-color:rgb(255, 155, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 155, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 155, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 155, 183); box-shadow:4px 4px 4px 4px rgb(255, 155, 183) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 40.696, 2.198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 155, 183) }
```

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

```
.background{ background-color: rgb(255,  
155, 183) }
```

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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