

Converting Colors

CIELCh(84, 67.694, 0.861)

Have a look what the booklet for
CIELCh(84, 67.694, 0.861) contains.

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Color

CIELCh(75, 47.232, 344.337)

Conversions

Conversions Part 1

Format	Color
Hex	FE98D1
RGB	254, 152, 209
RGB Percent	100%, 60%, 82%
CMY	0.0031, 0.4028, 0.1793
CMYK	0.00, 0.40, 0.18, 0.00
HSL	326°, 98%, 80%
HSV	326°, 40%, 100%
XYZ	63.7699, 48.2781, 66.4535
YIQ	188.9960, 42.4950, 39.3510

Conversions

Conversions Part 2

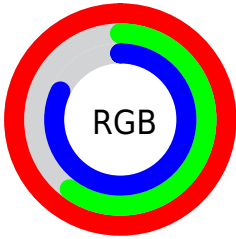
Format	Color
RYB	254, 152, 209
Decimal	16685265
CIELab	75.00, 45.48, -12.75
CIELCh	75, 47.232, 344.337
Yxy	48.2781, 0.3573, 0.2705
Android (android.graphics.Color)	4294875345 (0xFFFE98D1)
YUV	188.9960, 9.8620, 57.0085
Hunter-Lab	69.4824, 42.2303, -8.0676

Details

The CIELCh color $75, 47.232, 344.337$ is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be $92, 45.668, 156.719$, and the grayscale version is $77, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 29.467, 325.450$, and $55, 47.525, 343.839$ is the 20% darker color. If you saturate the color by 10%, you get $70, 58.256, 345.595$, and if you desaturate by 10%, it is $81, 35.557, 343.243$.

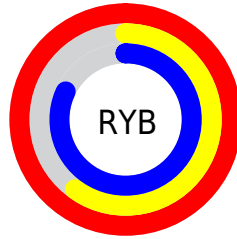
Distribution



Red (100%)

Green (60%)

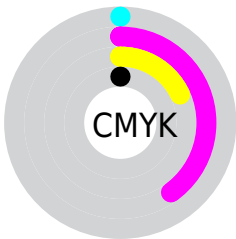
Blue (82%)



Red (100%)

Yellow (60%)

Blue (82%)

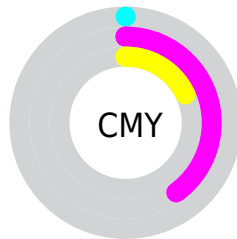


Cyan (0%)

Magenta (40%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (40%)


Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 47.232, 344.337 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, 47.232, 344.337 by changing the saturation by 10% instead.


 75, 47.232,
344.337


 75, 47.232,
344.337


 100, 47.232,
344.337


 65, 47.232,
344.337


 95, 47.232,
344.337

 55, 47.232,
344.337

 45, 47.232,
344.337

 35, 47.232,
344.337

 25, 47.232,
344.337

 15, 47.232,
344.337

 5, 47.232, 344.337

■ 0, 47.232, 344.337

■ 75, 47.232,
344.337

■ 75, 47.232,
344.337

■ 70, 58.256,
345.595

■ 81, 35.557,
343.243

■ 65, 68.102,
347.074

■ 87, 23.646,
342.266

■ 61, 76.147,
348.865

■ 93, 11.775,
341.372

■ 58, 81.821,
351.088

■ 100, 0.118,
336.696

■ 56, 84.823,
353.889

■ 100, 0.270,
201.839

■ 55, 85.564,
357.306

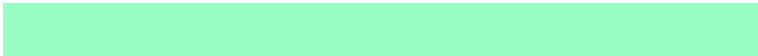
Harmonies

Complementary

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



75, 47.232, 344.337



92, 45.668, 156.719

Rectangle

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



75, 47.232, 344.337



75, 47.232, 34.337



75, 47.232, 164.337



75, 47.232, 214.337

Sweetspot

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



75, 47.229, 344.338



92, 14.059, 341.538



71, 57.488, 308.969



48, 9.337, 341.653



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, 47.229, 344.338



71, 56.163, 345.316



74, 40.955, 18.427



50, 6.644, 341.320



41, 69.247, 356.615



11, 32.546, 351.948

Inverse Universe

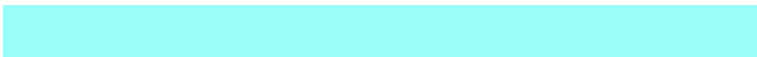
The Inverse Universe completely reimagines the original color for something new.



75, 47.229, 344.338



71, 56.163, 345.316



94, 31.890, 191.068



50, 6.644, 341.320



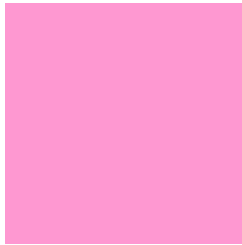
41, 69.247, 356.615



11, 32.546, 351.948

Previews

White Background



This preview shows how the CIELCh color 75, 47.232, 344.337 looks on a white background.

Color Contrast Check

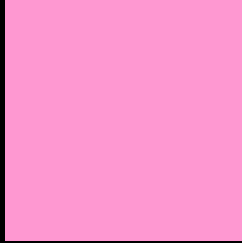
Large Text (above 18pt) WCAG AA × Fail

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, 47.232, 344.337 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

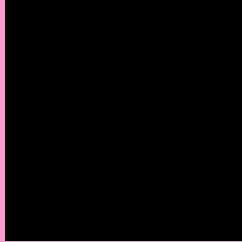
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 47.232, 344.337

Background



This preview shows how black text looks on a background with the CIELCh color 75, 47.232, 344.337.

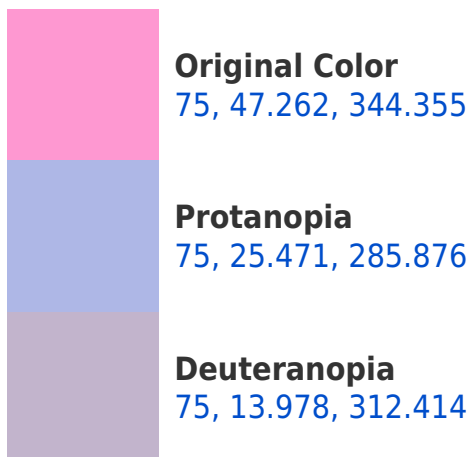


This preview shows how white text looks on a background with the CIELCh color 75, 47.232, 344.337.

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, 36.190, 12.824

Trichromacy



Original Color
75, 47.262, 344.355



Protanomaly
74, 29.250, 314.116



Deuteranomaly
75, 25.631, 332.508

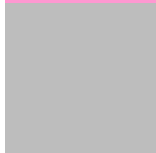


Tritanomaly
75, 38.862, 0.872

Monochromacy



Original Color
75, 47.262, 344.355



Achromatopsia
77, 0.009, 296.813



Achromatomaly
76, 17.453, 342.955

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 47.232, 344.337 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, 152, 209)` looks like.

```
.text, #text, p{  
    color:rgb(254, 152, 209)  
}
```

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, 152, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 152, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 47.232, 344.337 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, 152, 209) }
```

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

```
.border{ border-color:rgb(254, 152, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 152, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 152, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 152, 209);  
box-shadow:4px 4px 4px 4px rgb(254, 152,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 47.232, 344.337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 152, 209) }
```

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

```
.background{ background-color: rgb(254,  
152, 209) }
```

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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