

Converting Colors

CIELCh(80, 37.540, 342.536)

Have a look what the booklet for
CIELCh(80, 37.540, 342.536)
contains.

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Color

CIELCh(80, 37.568, 342.548)

Conversions

Conversions Part 1

Format	Color
Hex	FEAEDC
RGB	254, 174, 220
RGB Percent	100%, 68%, 86%
CMY	0.0028, 0.3166, 0.1362
CMYK	0.00, 0.31, 0.13, 0.00
HSL	326°, 98%, 84%
HSV	326°, 31%, 100%
XYZ	69.1193, 56.6813, 75.1969
YIQ	203.1640, 32.9140, 31.2660

Conversions

Conversions Part 2

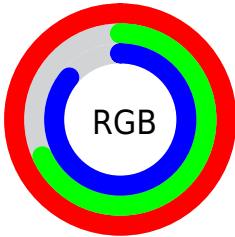
Format	Color
RYB	254, 174, 220
Decimal	16690908
CIELab	80.00, 35.84, -11.27
CIELCh	80, 37.568, 342.548
Yxy	56.6813, 0.3439, 0.2820
Android (android.graphics.Color)	4294880988 (0xFFFEAEDC)
YUV	203.1640, 8.3001, 44.5832
Hunter-Lab	75.2870, 32.1247, -6.5182

Details

The CIELCh color $80, 37.568, 342.548$ is a light color, and the websafe version is hex $FF99CC$. A complement of this color would be $94, 36.610, 156.981$, and the grayscale version is $82, 0.010, 296.813$.

A 20% lighter version of the original color is $94, 15.620, 324.964$, and $60, 37.794, 342.357$ is the 20% darker color. If you saturate the color by 10%, you get $74, 49.272, 343.632$, and if you desaturate by 10%, it is $86, 25.556, 341.582$.

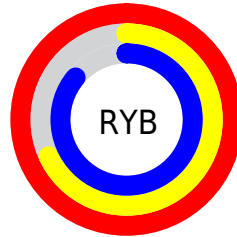
Distribution



Red (100%)

Green (68%)

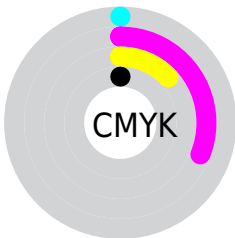
Blue (86%)



Red (100%)

Yellow (68%)

Blue (86%)

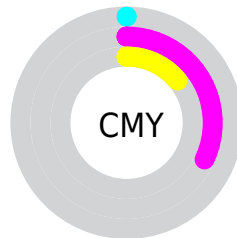


Cyan (0%)

Magenta (31%)

Yellow (13%)

Black (0%)



Cyan (0%)

Magenta (32%)


Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 80, 37.568, 342.548 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 80, 37.568, 342.548 by changing the saturation by 10% instead.

 80, 37.568,
342.548


 80, 37.568,
342.548


 100, 37.568,
342.548


 70, 37.568,
342.548

 60, 37.568,
342.548

 50, 37.568,
342.548

 40, 37.568,
342.548

 30, 37.568,
342.548


 20, 37.568,
342.548


 10, 37.568,


342.548


 0, 37.568, 342.548


 80, 37.568,
342.548


 80, 37.568,
342.548


 74, 49.272,
343.632


 86, 25.556,
341.582

 69, 60.247,
344.871


 92, 13.544,
340.698

 65, 69.935,
346.328

 99, 1.719, 339.673

 61, 77.707,
348.088

100, 0.248,
202.067

 58, 83.011,
350.270

■ 56, 85.597,
353.013

■ 55, 86.046,
355.838

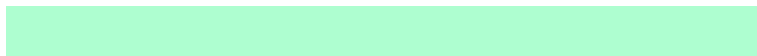
Harmonies

Complementary

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



80, 37.568, 342.548



94, 36.610, 156.981

Rectangle

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



80, 37.568, 342.548



80, 37.568, 32.548



80, 37.568, 162.548



80, 37.568, 212.548

Sweetspot

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



80, 37.565, 342.549



94, 10.629, 340.486



77, 44.565, 307.869



49, 7.397, 340.611



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



80, 37.565, 342.549



76, 45.375, 343.242



79, 31.312, 15.775



50, 6.718, 340.529



42, 69.640, 355.182



11, 32.769, 350.768

Inverse Universe

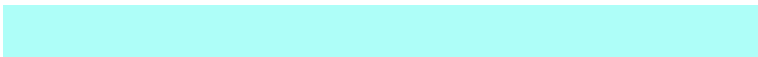
The Inverse Universe completely reimagines the original color for something new.



80, 37.565, 342.549



76, 45.375, 343.242



95, 26.064, 190.173



50, 6.718, 340.529



42, 69.640, 355.182



11, 32.769, 350.768

Previews

White Background



This preview shows how the CIELCh color 80, 37.568, 342.548 looks on a white background.

Color Contrast Check

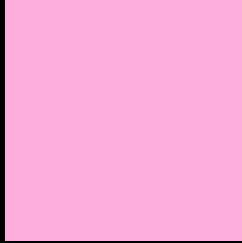
Large Text (above 18pt) WCAG AA × Fail

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 80, 37.568, 342.548 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

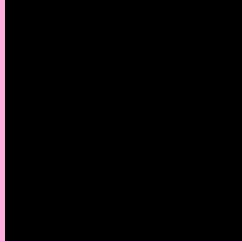
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 80, 37.568, 342.548

Background



This preview shows how black text looks on a background with the CIELCh color 80, 37.568, 342.548.



This preview shows how white text looks on a background with the CIELCh color 80, 37.568, 342.548.

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

80, 37.568, 342.548

Protanopia

80, 20.303, 286.292

Deuteranopia

80, 14.229, 316.448



Tritanopia
80, 28.317, 6.862

Trichromacy



Original Color
80, 37.568, 342.548



Protanomaly
80, 23.656, 313.568



Deuteranomaly
80, 22.347, 331.634

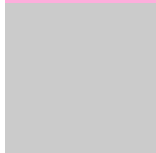


Tritanomaly
80, 31.045, 356.049

Monochromacy



Original Color
80, 37.568, 342.548



Achromatopsia
82, 0.010, 296.813



Achromatomaly
81, 13.623, 341.992

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 37.568, 342.548 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, 174, 220)` looks like.

```
.text, #text, p{  
    color:rgb(254, 174, 220)  
}
```

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, 174, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 174, 220) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 37.568, 342.548 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, 174, 220) }
```

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

```
.border{ border-color:rgb(254, 174, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 174, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 174, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 174, 220);  
box-shadow:4px 4px 4px 4px rgb(254, 174,  
220) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 37.568, 342.548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 174, 220) }
```

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

```
.background{ background-color: rgb(254,  
174, 220) }
```

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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