

Converting Colors

CIELCh(90, 18.672, 346.945)

Have a look what the booklet for
CIELCh(90, 18.672, 346.945)
contains.

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Color

CIELCh(90, 17.734, 344.991)

Conversions

Conversions Part 1

Format	Color
Hex	FFD8EC
RGB	255, 216, 236
RGB Percent	100%, 85%, 93%
CMY	0.0000, 0.1546, 0.0761
CMYK	0.00, 0.15, 0.08, 0.00
HSL	330°, 100%, 92%
HSV	330°, 15%, 100%
XYZ	80.9904, 76.3034, 89.5034
YIQ	229.9410, 16.8240, 14.4880

Conversions

Conversions Part 2

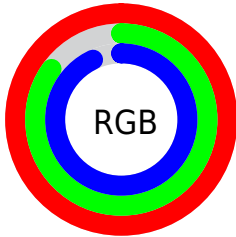
Format	Color
R _Y B	255, 216, 236
Decimal	16767212
CIE Lab	90.00, 17.13, -4.59
CIE LCh	90, 17.734, 344.991
Yxy	76.3034, 0.3282, 0.3092
Android (android.graphics.Color)	4294957292 (0xFFFFD8EC)
YUV	229.9410, 2.9871, 21.9767
Hunter-Lab	87.3518, 12.6352, 0.3958

Details

The CIELCh color **90, 17.734, 344.991** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **97, 17.224, 161.936**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **70, 17.401, 344.514** is the 20% darker color. If you saturate the color by 10%, you get **84, 29.149, 345.556**, and if you desaturate by 10%, it is **96, 6.127, 343.618**.

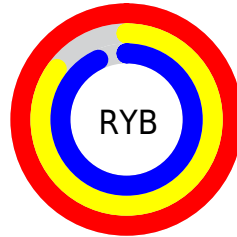
Distribution



Red (100%)

Green (85%)

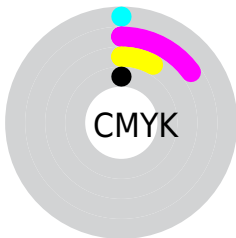
Blue (93%)



Red (100%)

Yellow (85%)

Blue (93%)

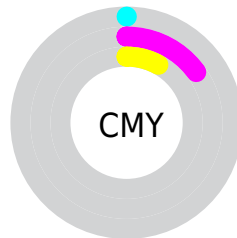


Cyan (0%)

Magenta (15%)

Yellow (8%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (8%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 17.734, 344.991 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 90, 17.734, 344.991 by changing the saturation by 10% instead.


 90, 17.734,
344.991


 90, 17.734,
344.991


 100, 17.734,
344.991


 80, 17.734,
344.991


 70, 17.734,
344.991

 60, 17.734,
344.991

 50, 17.734,
344.991

 40, 17.734,
344.991

 30, 17.734,
344.991

 20, 17.734,

344.991

■ 10, 17.734,
344.991

■ 0, 17.734, 344.991

■ 90, 17.734,
344.991

■ 90, 17.734,
344.991

■ 84, 29.149,
345.556

■ 96, 6.127, 343.618

■ 78, 40.692,
346.680

100, 0.012,
296.813

■ 72, 51.856,
347.976

■ 67, 62.177,
349.507

■ 63, 71.076,
351.367

■ 59, 77.954,
353.681

■ 57, 82.375,
356.610

■ 55, 84.326, 0.314

■ 55, 84.719, 2.211

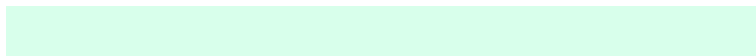
Harmonies

Complementary

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



90, 17.734, 344.991



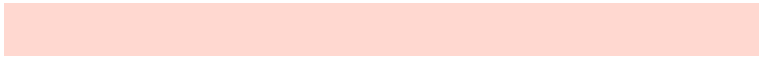
97, 17.224, 161.936

Rectangle

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



90, 17.734, 344.991



90, 17.734, 34.991



90, 17.734, 164.991



90, 17.734, 214.991

Sweetspot

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



90, 17.556, 344.556



97, 5.612, 343.572



89, 21.674, 309.210



51, 3.832, 343.642



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

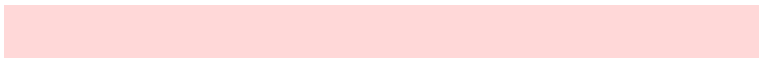
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90, 17.556, 344.556



88, 21.654, 344.899



89, 14.612, 19.111



50, 6.415, 344.000



41, 68.333, 1.397



10, 31.942, 355.915

Inverse Universe

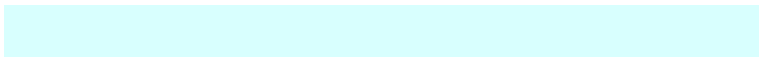
The Inverse Universe completely reimagines the original color for something new.



90, 17.556, 344.556



88, 21.654, 344.899



97, 13.253, 197.161



50, 6.415, 344.000



41, 68.333, 1.397



10, 31.942, 355.915

Previews

White Background



This preview shows how the CIELCh color 90, 17.734, 344.991 looks on a white background.

Color Contrast Check

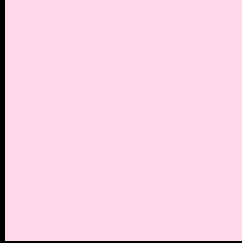
Large Text (above 18pt) WCAG AA × Fail

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 90, 17.734, 344.991 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

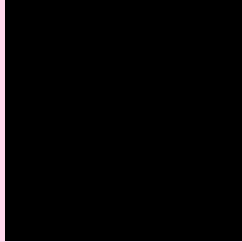
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 90, 17.734, 344.991

Background



This preview shows how black text looks on a background with the CIELCh color 90, 17.734, 344.991.

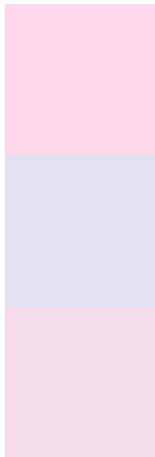


This preview shows how white text looks on a background with the CIELCh color 90, 17.734, 344.991.

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

90, 17.429, 344.253

Protanopia

90, 8.337, 293.244

Deuteranopia

90, 11.619, 338.181



Tritanopia
90, 16.600, 348.639

Trichromacy



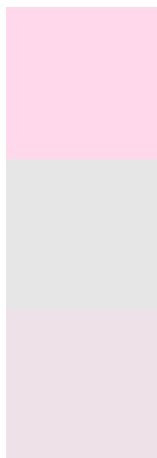
Original Color
90, 17.429, 344.253

Protanomaly
90, 10.354, 321.529

Deuteranomaly
90, 13.931, 341.160

Tritanomaly
90, 16.864, 347.128

Monochromacy



Original Color
90, 17.429, 344.253

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 6.212, 344.061

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 17.734, 344.991 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, 216, 236)` looks like.

```
.text, #text, p{  
    color:rgb(255, 216, 236)  
}
```

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, 216, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 216, 236) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 17.734, 344.991 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, 216, 236) }
```

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

```
.border{ border-color:rgb(255, 216, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 216, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 216, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 216, 236);  
box-shadow:4px 4px 4px 4px rgb(255, 216,  
236) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 17.734, 344.991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 216, 236) }
```

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

```
.background{ background-color: rgb(255,  
216, 236) }
```

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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