

Converting Colors

CIELCh(95, 36.950, 3.938)

Have a look what the booklet for
CIELCh(95, 36.950, 3.938) contains.

CIELCh(90, 18.934, 341.799)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(90, 18.934, 341.799)

Conversions

Conversions Part 1

Format	Color
Hex	FFD7EE
RGB	255, 215, 238
RGB Percent	100%, 84%, 93%
CMY	0.0000, 0.1565, 0.0662
CMYK	0.00, 0.16, 0.07, 0.00
HSL	325°, 100%, 92%
HSV	325°, 16%, 100%
XYZ	81.4308, 76.3034, 91.4107
YIQ	229.5820, 16.4570, 15.6330

Conversions

Conversions Part 2

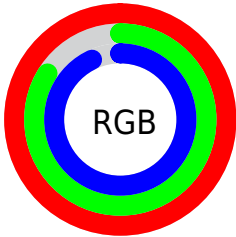
Format	Color
R _Y B	255, 215, 238
Decimal	16766958
CIE Lab	90.00, 17.99, -5.91
CIE LCh	90, 18.934, 341.799
Yxy	76.3034, 0.3268, 0.3063
Android (android.graphics.Color)	4294957038 (0xFFFFD7EE)
YUV	229.5820, 4.1501, 22.2916
Hunter-Lab	87.3518, 13.5351, -0.8987

Details

The CIELCh color **90, 18.934, 341.799** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **97, 18.365, 158.475**, 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, 18.670, 341.148** is the 20% darker color. If you saturate the color by 10%, you get **84, 30.699, 341.881**, and if you desaturate by 10%, it is **96, 6.656, 340.103**.

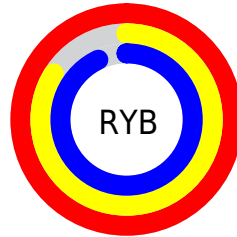
Distribution



Red (100%)

Green (84%)

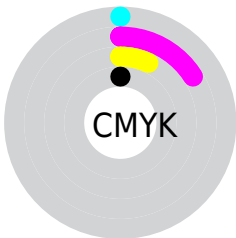
Blue (93%)



Red (100%)

Yellow (84%)

Blue (93%)

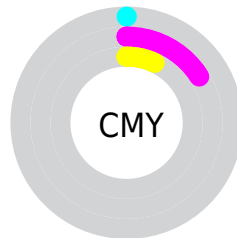


Cyan (0%)

Magenta (16%)

Yellow (7%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (7%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 18.934, 341.799 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, 18.934, 341.799 by changing the saturation by 10% instead.


 90, 18.934,
341.799


 90, 18.934,
341.799


 100, 18.934,
341.799


 80, 18.934,
341.799


 70, 18.934,
341.799

 60, 18.934,
341.799

 50, 18.934,
341.799

 40, 18.934,
341.799

 30, 18.934,
341.799

 20, 18.934,

341.799

■ 10, 18.934,
341.799

■ 0, 18.934, 341.799

■ 90, 18.934,
341.799

■ 90, 18.934,
341.799

■ 84, 30.699,
341.881

■ 96, 6.656, 340.103

■ 78, 42.664,
342.889

100, 0.012,
296.813

■ 72, 54.161,
344.027

■ 67, 64.703,
345.343

■ 63, 73.689,
346.907

■ 60, 80.499,
348.818

■ 57, 84.675,
351.203

■ 56, 86.166,
354.203

■ 55, 86.286,
355.675

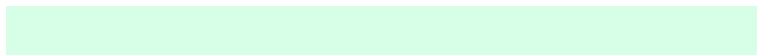
Harmonies

Complementary

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



90, 18.934, 341.799



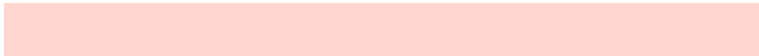
97, 18.365, 158.475

Rectangle

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



90, 18.934, 341.799



90, 18.934, 31.799



90, 18.934, 161.799



90, 18.934, 211.799

Sweetspot

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



90, 18.618, 340.968



97, 5.889, 340.043



88, 21.694, 306.910



51, 4.021, 340.108



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, 18.618, 340.968



88, 22.665, 341.266



89, 14.829, 13.831



50, 6.727, 340.439



42, 69.689, 355.018



11, 32.795, 350.632

Inverse Universe

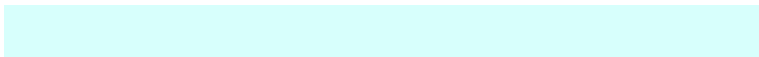
The Inverse Universe completely reimagines the original color for something new.



90, 18.618, 340.968



88, 22.665, 341.266



97, 13.608, 191.386



50, 6.727, 340.439



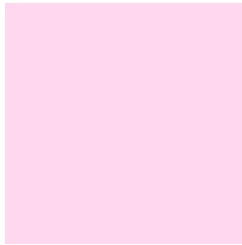
42, 69.689, 355.018



11, 32.795, 350.632

Previews

White Background



This preview shows how the CIELCh color 90, 18.934, 341.799 looks on a white background.

Color Contrast Check

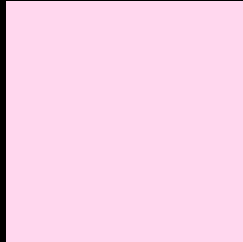
Large Text (above 18pt) WCAG AA × Fail

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, 18.934, 341.799 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

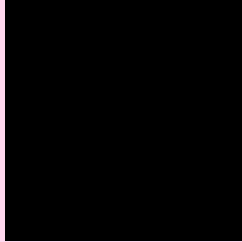
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 90, 18.934, 341.799

Background



This preview shows how black text looks on a background with the CIELCh color 90, 18.934, 341.799.

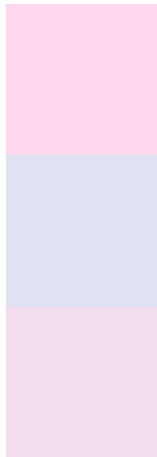


This preview shows how white text looks on a background with the CIELCh color 90, 18.934, 341.799.

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, 18.643, 341.059

Protanopia

90, 9.883, 290.982

Deuteranopia

90, 12.084, 333.346



Tritanopia
90, 16.293, 347.923

Trichromacy



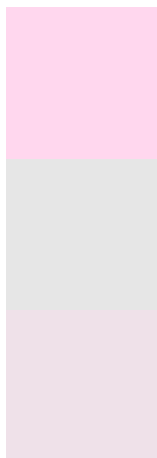
Original Color
90, 18.643, 341.059

Protanomaly
90, 12.187, 316.533

Deuteranomaly
90, 14.333, 336.980

Tritanomaly
90, 16.847, 344.921

Monochromacy



Original Color
90, 18.643, 341.059

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 6.527, 340.380

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 18.934, 341.799 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, 215, 238)` looks like.

```
.text, #text, p{  
    color:rgb(255, 215, 238)  
}
```

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, 215, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 215, 238) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 18.934, 341.799 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, 215, 238) }
```

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

```
.border{ border-color:rgb(255, 215, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 215, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 215, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 215, 238);  
box-shadow:4px 4px 4px 4px rgb(255, 215,  
238) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 18.934, 341.799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 215, 238) }
```

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

```
.background{ background-color: rgb(255,  
215, 238) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor