

Converting Colors

CIELCh(90, 11.847, 346.125)

Have a look what the booklet for
CIELCh(90, 11.847, 346.125)
contains.

CIELCh(90, 11.843, 345.569)	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, 11.843, 345.569)

Conversions

Conversions Part 1

Format	Color
Hex	F6DBE8
RGB	246, 219, 232
RGB Percent	96%, 86%, 91%
CMY	0.0341, 0.1400, 0.0890
CMYK	0.00, 0.11, 0.06, 0.03
HSL	331°, 61%, 91%
HSV	331°, 11%, 97%
XYZ	78.1239, 76.3034, 87.1719
YIQ	228.5550, 11.9190, 9.7670

Conversions

Conversions Part 2

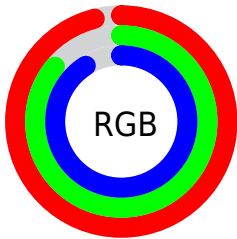
Format	Color
R _Y B	246, 219, 232
Decimal	16178152
CIE Lab	90.00, 11.47, -2.95
CIE LCh	90, 11.843, 345.569
Yxy	76.3034, 0.3234, 0.3158
Android (android.graphics.Color)	4294368232 (0xFFFF6DBE8)
YUV	228.5550, 1.6984, 15.2993
Hunter-Lab	87.3518, 6.7776, 1.9784

Details

The CIELCh color **90, 11.843, 345.569** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **95, 11.656, 163.763**, 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, 11.856, 346.944** is the 20% darker color. If you saturate the color by 10%, you get **84, 22.887, 346.560**, and if you desaturate by 10%, it is **96, 1.032, 344.279**.

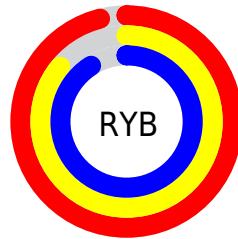
Distribution



Red (96%)

Green (86%)

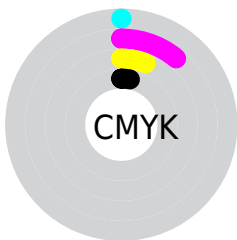
Blue (91%)



Red (96%)

Yellow (86%)

Blue (91%)

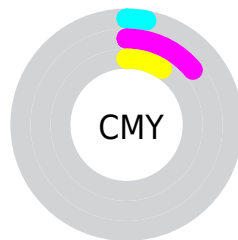


Cyan (0%)

Magenta (11%)

Yellow (6%)

Black (3%)



Cyan (3%)


Magenta (14%)


Yellow (9%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 11.843, 345.569 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, 11.843, 345.569 by changing the saturation by 10% instead.


 90, 11.843,
345.569


 90, 11.843,
345.569


 100, 11.843,
345.569


 80, 11.843,
345.569


 70, 11.843,
345.569

 60, 11.843,
345.569

 50, 11.843,
345.569

 40, 11.843,
345.569

 30, 11.843,
345.569

 20, 11.843,

345.569

■ 10, 11.843,
345.569

■ 0, 11.843, 345.569

■ 90, 11.843,
345.569

■ 90, 11.843,
345.569

■ 84, 22.887,
346.560

■ 96, 1.032, 344.279

■ 78, 34.014,
347.660

■ 99, 3.012, 199.434

■ 72, 44.963,
348.922

■ 67, 55.353,
350.407

■ 62, 64.678,
352.199

■ 59, 72.358,
354.419

■ 56, 77.883,
357.223

■ 54, 81.037, 0.782

■ 53, 82.287, 4.674

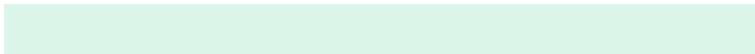
Harmonies

Complementary

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



90, 11.843, 345.569



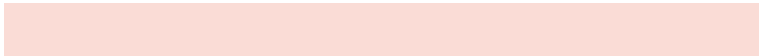
95, 11.656, 163.763

Rectangle

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



90, 11.843, 345.569



90, 11.843, 35.569



90, 11.843, 165.569



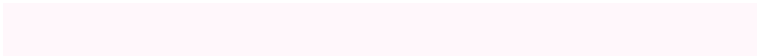
90, 11.843, 215.569

Sweetspot

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



90, 11.840, 345.573



98, 3.301, 344.767



89, 14.949, 310.129



52, 2.504, 344.866



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

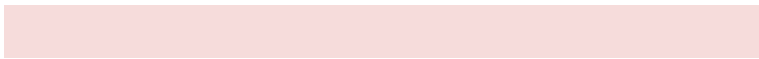
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90, 11.840, 345.573



91, 14.477, 345.770



90, 9.744, 21.408



48, 6.096, 345.433



40, 66.738, 3.805



9, 30.094, 357.364

Inverse Universe

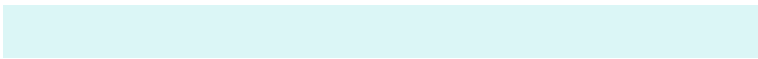
The Inverse Universe completely reimagines the original color for something new.



90, 11.840, 345.573



91, 14.477, 345.770



95, 9.080, 200.352



48, 6.096, 345.433



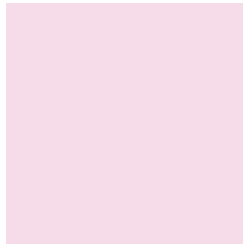
40, 66.738, 3.805



9, 30.094, 357.364

Previews

White Background



This preview shows how the CIELCh color 90, 11.843, 345.569 looks on a white background.

Color Contrast Check

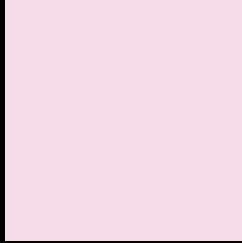
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 90, 11.843, 345.569 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

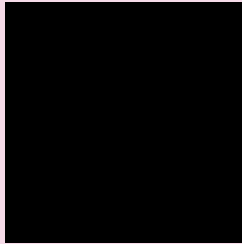
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 90, 11.843, 345.569

Background



This preview shows how black text looks on a background with the CIELCh color 90, 11.843, 345.569.

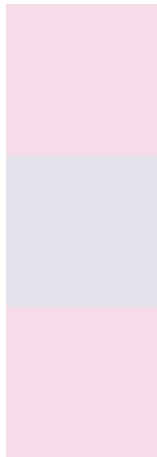


This preview shows how white text looks on a background with the CIELCh color 90, 11.843, 345.569.

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, 11.843, 345.569

Protanopia

90, 5.836, 301.048

Deuteranopia

90, 11.252, 346.661



Tritanopia
90, 13.374, 339.132

Trichromacy



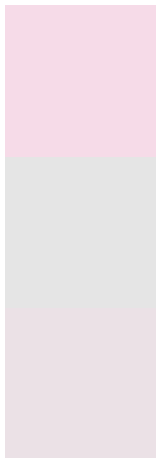
Original Color
90, 11.843, 345.569

Protanomaly
90, 7.593, 324.684

Deuteranomaly
90, 11.252, 346.661

Tritanomaly
90, 13.045, 340.857

Monochromacy



Original Color
90, 11.843, 345.569

Achromatopsia
91, 0.011, 296.813

Achromatomaly
90, 4.443, 343.898

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 11.843, 345.569 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(246, 219, 232)` looks like.

```
.text, #text, p{  
    color:rgb(246, 219, 232)  
}
```

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(246, 219, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 219, 232) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 11.843, 345.569 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(246, 219, 232) }
```

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

```
.border{ border-color:rgb(246, 219, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 219, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 219, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 219, 232);  
box-shadow:4px 4px 4px 4px rgb(246, 219,  
232) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 11.843, 345.569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 219, 232) }
```

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

```
.background{ background-color: rgb(246,  
219, 232) }
```

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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