

Converting Colors

CIELCh(94, 17.675, 10.997)

Have a look what the booklet for
CIELCh(94, 17.675, 10.997) contains.

CIELCh(92, 10.940, 3.768)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(92, 10.940, 3.768)

Conversions

Conversions Part 1

Format	Color
Hex	FEE1E7
RGB	254, 225, 231
RGB Percent	100%, 88%, 91%
CMY	0.0039, 0.1175, 0.0940
CMYK	0.00, 0.11, 0.09, 0.00
HSL	348°, 94%, 94%
HSV	348°, 11%, 100%
XYZ	82.2310, 80.7044, 86.8595
YIQ	234.3550, 15.3580, 8.0140

Conversions

Conversions Part 2

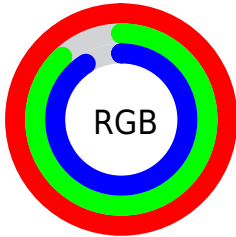
Format	Color
R _Y B	254, 225, 231
Decimal	16703975
CIE Lab	92.00, 10.92, 0.72
CIE LCh	92, 10.940, 3.768
Yxy	80.7044, 0.3292, 0.3231
Android (android.graphics.Color)	4294894055 (0xFFFE1E7)
YUV	234.3550, -1.6540, 17.2287
Hunter-Lab	89.8356, 6.1775, 5.5592

Details

The CIELCh color **92, 10.940, 3.768** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **98, 10.461, 181.754**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 10.677, 5.649** is the 20% darker color. If you saturate the color by 10%, you get **85, 21.047, 4.950**, and if you desaturate by 10%, it is **99, 1.317, 2.397**.

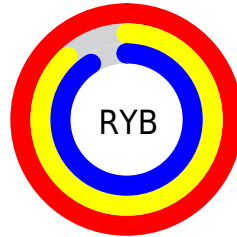
Distribution



Red (100%)

Green (88%)

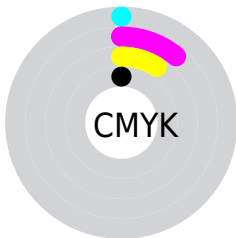
Blue (91%)



Red (100%)

Yellow (88%)

Blue (91%)

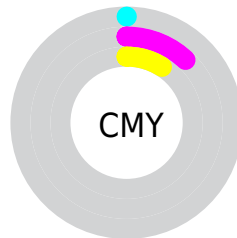


Cyan (0%)

Magenta (11%)

Yellow (9%)

Black (0%)



Cyan (0%)

Magenta (12%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 10.940, 3.768 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 92, 10.940, 3.768 by changing the saturation by 10% instead.



92, 10.940, 3.768

92, 10.940, 3.768

85, 21.047, 4.950

99, 1.317, 2.397

79, 31.563, 6.337

100, 0.347,
201.293

73, 42.318, 8.027

68, 53.035, 10.132

63, 63.329, 12.794

59, 72.765, 16.173

56, 80.999, 20.400

54, 87.955, 25.455

53, 93.188, 30.101

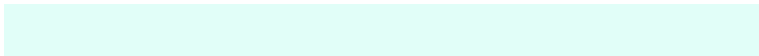
Harmonies

Complementary

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



92, 10.940, 3.768



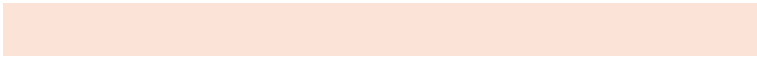
98, 10.461, 181.754

Rectangle

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



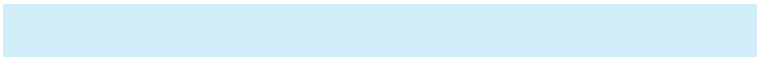
92, 10.940, 3.768



92, 10.940, 53.768



92, 10.940, 183.768



92, 10.940, 233.768

Sweetspot

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



92, 10.938, 3.777



98, 2.825, 2.789



92, 17.016, 318.799



52, 2.145, 2.909



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

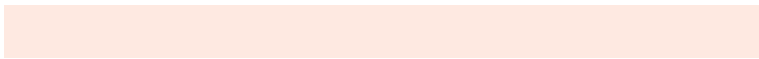
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 10.938, 3.777



91, 13.558, 4.067



94, 8.673, 48.769



50, 5.442, 3.569



40, 74.611, 29.080



10, 31.944, 18.388

Inverse Universe

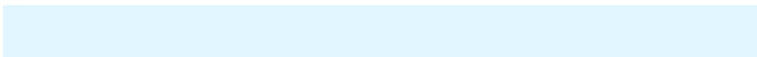
The Inverse Universe completely reimagines the original color for something new.



92, 10.938, 3.777



91, 13.558, 4.067



96, 8.128, 230.374



50, 5.442, 3.569



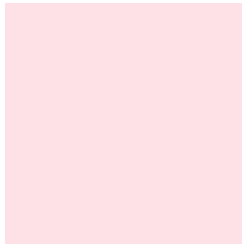
40, 74.611, 29.080



10, 31.944, 18.388

Previews

White Background



This preview shows how the CIELCh color 92, 10.940, 3.768 looks on a white background.

Color Contrast Check

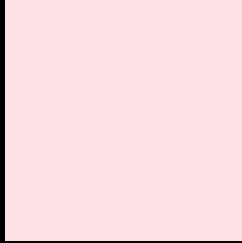
Large Text (above 18pt) WCAG AA × Fail

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 92, 10.940, 3.768 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

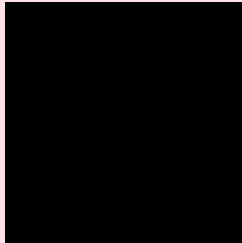
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

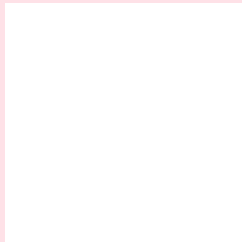
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 10.940, 3.768

Background



This preview shows how black text looks on a background with the CIELCh color 92, 10.940, 3.768.

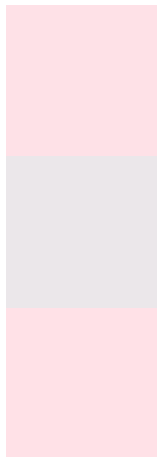


This preview shows how white text looks on a background with the CIELCh color 92, 10.940, 3.768.

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

92, 10.949, 3.773

Protanopia

92, 2.124, 332.278

Deuteranopia

92, 11.302, 4.332



Tritanopia
92, 14.143, 342.092

Trichromacy



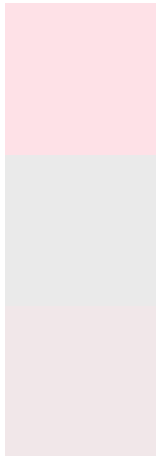
Original Color
92, 10.949, 3.773

Protanomaly
92, 5.108, 355.823

Deuteranomaly
92, 11.302, 4.332

Tritanomaly
92, 13.007, 349.317

Monochromacy



Original Color
92, 10.949, 3.773

Achromatopsia
93, 0.011, 296.813

Achromatomaly
92, 3.732, 3.471

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 10.940, 3.768 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, 225, 231)` looks like.

```
.text, #text, p{  
    color:rgb(254, 225, 231)  
}
```

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, 225, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 225, 231) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 10.940, 3.768 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, 225, 231) }
```

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

```
.border{ border-color:rgb(254, 225, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 225, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 225, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 225, 231);  
box-shadow:4px 4px 4px 4px rgb(254, 225,  
231) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 10.940, 3.768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 225, 231) }
```

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

```
.background{ background-color: rgb(254,  
225, 231) }
```

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