

Converting Colors

CIELCh(94, 22.447, 16.289)

Have a look what the booklet for
CIELCh(94, 22.447, 16.289) contains.

CIELCh(91, 11.843, 10.213)	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(91, 11.843, 10.213)

Conversions

Conversions Part 1

Format	Color
Hex	FEDEE2
RGB	254, 222, 226
RGB Percent	100%, 87%, 89%
CMY	0.0057, 0.1310, 0.1153
CMYK	0.00, 0.13, 0.11, 0.01
HSL	353°, 92%, 93%
HSV	353°, 13%, 99%
XYZ	80.3956, 78.4833, 82.5700
YIQ	232.0240, 17.7880, 8.0280

Conversions

Conversions Part 2

Format	Color
RYB	254, 222, 226
Decimal	16703202
CIELab	91.00, 11.66, 2.10
CIELCh	91, 11.843, 10.213
Yxy	78.4833, 0.3330, 0.3251
Android (android.graphics.Color)	4294893282 (0xFFFEDEE2)
YUV	232.0240, -2.9698, 19.2730
Hunter-Lab	88.5908, 6.9537, 6.7530

Details

The CIELCh color **91, 11.843, 10.213** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **97, 11.130, 188.157**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **71, 11.763, 9.823** is the 20% darker color. If you saturate the color by 10%, you get **84, 21.895, 11.364**, and if you desaturate by 10%, it is **98, 2.371, 9.085**.

Distribution



Red (100%)

Green (87%)

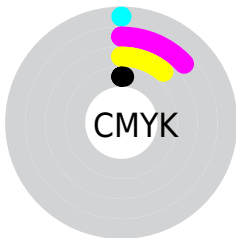
Blue (89%)



Red (100%)

Yellow (87%)

Blue (89%)

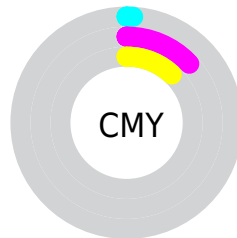


Cyan (0%)

Magenta (13%)

Yellow (11%)

Black (1%)



Cyan (1%)

Magenta (13%)

Yellow (12%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 11.843, 10.213 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 91, 11.843, 10.213 by changing the saturation by 10% instead.

 91, 11.843, 10.213

 91, 11.843, 10.213

 100, 11.843,
10.213

 81, 11.843, 10.213

 71, 11.843, 10.213

 61, 11.843, 10.213

 51, 11.843, 10.213

 41, 11.843, 10.213

 31, 11.843, 10.213

 21, 11.843, 10.213

 11, 11.843, 10.213

 1, 11.843, 10.213

91, 11.843, 10.213

91, 11.843, 10.213

84, 21.895, 11.364

98, 2.371, 9.085

78, 32.476, 12.748

100, 0.502,
200.694

72, 43.441, 14.474

67, 54.545, 16.660

62, 65.437, 19.447

58, 75.718, 22.965

55, 85.049, 27.248

54, 93.177, 32.055

53, 98.272, 35.433

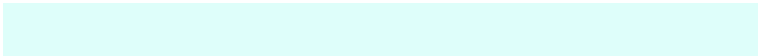
Harmonies

Complementary

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



91, 11.843, 10.213



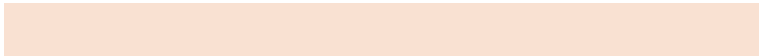
97, 11.130, 188.157

Rectangle

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



91, 11.843, 10.213



91, 11.843, 60.213



91, 11.843, 190.213



91, 11.843, 240.213

Sweetspot

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



91, 11.841, 10.222



97, 3.676, 9.298



91, 19.236, 321.349



51, 2.618, 9.392



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

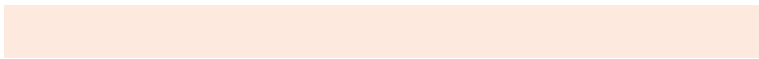
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91, 11.841, 10.222



90, 14.265, 10.480



94, 9.559, 58.613



50, 5.315, 9.900



40, 78.753, 34.603



10, 32.436, 22.074

Inverse Universe

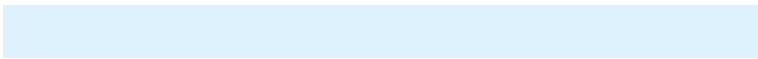
The Inverse Universe completely reimagines the original color for something new.



91, 11.841, 10.222



90, 14.265, 10.480



94, 9.014, 241.216



50, 5.315, 9.900



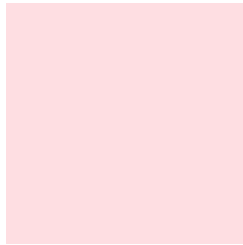
40, 78.753, 34.603



10, 32.436, 22.074

Previews

White Background



This preview shows how the CIELCh color 91, 11.843, 10.213 looks on a white background.

Color Contrast Check

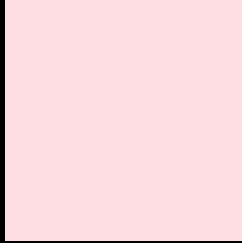
Large Text (above 18pt) WCAG AA × Fail

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 91, 11.843, 10.213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

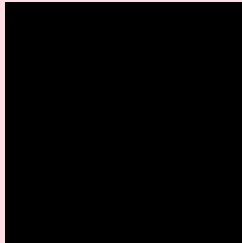
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

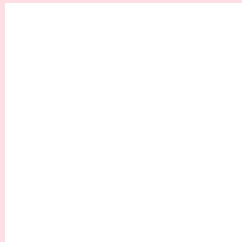
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 11.843, 10.213

Background



This preview shows how black text looks on a background with the CIELCh color 91, 11.843, 10.213.

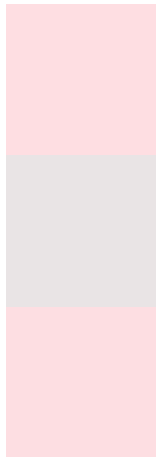


This preview shows how white text looks on a background with the CIELCh color 91, 11.843, 10.213.

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

91, 11.854, 10.218

Protanopia

91, 1.870, 3.138

Deuteranopia

91, 11.489, 9.864



Tritanopia
91, 15.341, 345.597

Trichromacy



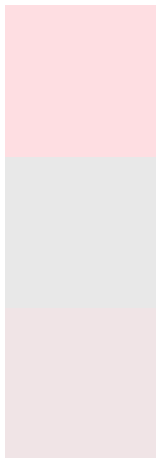
Original Color
91, 11.854, 10.218

Protanomaly
91, 5.155, 8.096

Deuteranomaly
91, 11.489, 9.864

Tritanomaly
91, 13.433, 352.911

Monochromacy



Original Color
91, 11.854, 10.218

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 4.440, 6.137

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 11.843, 10.213 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, 222, 226)` looks like.

```
.text, #text, p{  
    color:rgb(254, 222, 226)  
}
```

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, 222, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 222, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 11.843, 10.213 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, 222, 226) }
```

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

```
.border{ border-color:rgb(254, 222, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 222, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 222, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 222, 226);  
box-shadow:4px 4px 4px 4px rgb(254, 222,  
226) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 11.843, 10.213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 222, 226) }
```

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

```
.background{ background-color: rgb(254,  
222, 226) }
```

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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