

Converting Colors

CIELCh(91, 13.623, 39.171)

Have a look what the booklet for
CIELCh(91, 13.623, 39.171) contains.

CIELCh(91, 13.176, 40.726)	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, 13.176, 40.726)

Conversions

Conversions Part 1

Format	Color
Hex	FFDED5
RGB	255, 222, 213
RGB Percent	100%, 87%, 84%
CMY	0.0000, 0.1285, 0.1638
CMYK	0.00, 0.13, 0.16, 0.00
HSL	13°, 100%, 92%
HSV	13°, 16%, 100%
XYZ	79.5468, 78.4833, 74.0568
YIQ	230.8410, 22.5570, 4.1970

Conversions

Conversions Part 2

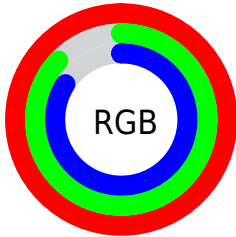
Format	Color
R _Y B	255, 224, 213
Decimal	16768725
CIE Lab	91.00, 9.99, 8.60
CIE LCh	91, 13.176, 40.726
Yxy	78.4833, 0.3427, 0.3382
Android (android.graphics.Color)	4294958805 (0xFFFFDED5)
YUV	230.8410, -8.7956, 21.1874
Hunter-Lab	88.5908, 5.2434, 12.4505

Details

The CIELCh color **91, 13.176, 40.726** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **95, 11.777, 222.044**, 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, 13.277, 41.852** is the 20% darker color. If you saturate the color by 10%, you get **86, 21.984, 40.798**, and if you desaturate by 10%, it is **96, 4.893, 40.996**.

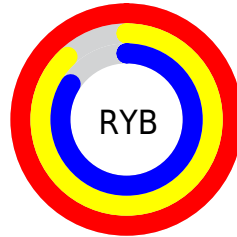
Distribution



Red (100%)

Green (87%)

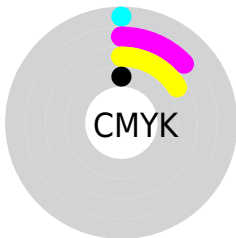
Blue (84%)



Red (100%)

Yellow (88%)

Blue (84%)

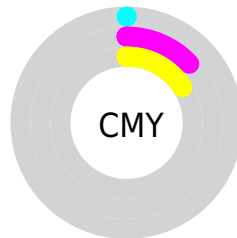


Cyan (0%)

Magenta (13%)

Yellow (16%)

Black (0%)



Cyan (0%)

Magenta (13%)

Yellow (16%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 13.176, 40.726 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, 13.176, 40.726 by changing the saturation by 10% instead.

 91, 13.176, 40.726

 91, 13.176, 40.726

 100, 13.176,
40.726

 81, 13.176, 40.726

 71, 13.176, 40.726

 61, 13.176, 40.726

 51, 13.176, 40.726

 41, 13.176, 40.726

 31, 13.176, 40.726

 21, 13.176, 40.726

 11, 13.176, 40.726

 1, 13.176, 40.726

91, 13.176, 40.726

91, 13.176, 40.726

86, 21.984, 40.798

96, 4.893, 40.996

80, 31.619, 40.861

100, 0.012,
296.813

75, 42.012, 41.103

71, 53.122, 41.557

66, 64.796, 42.226

63, 76.668, 43.036

59, 87.887, 43.717

57, 96.693, 43.629

56, 99.233, 43.504

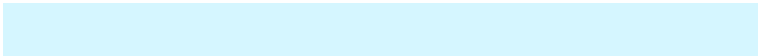
Harmonies

Complementary

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



91, 13.176, 40.726



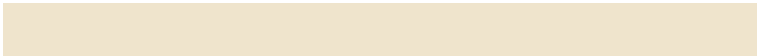
95, 11.777, 222.044

Rectangle

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



91, 13.176, 40.726



91, 13.176, 90.726



91, 13.176, 220.726



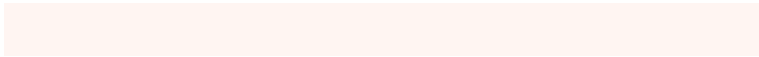
91, 13.176, 270.726

Sweetspot

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



91, 13.091, 40.872



97, 3.812, 40.994



90, 22.800, 331.554



51, 2.608, 40.997



0, 0.000, 0.000



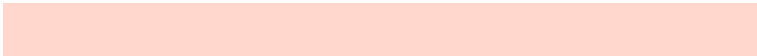
53, 0.007, 296.813

Same Dimension

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



91, 13.091, 40.872



89, 16.225, 40.833



96, 15.625, 91.642



50, 4.416, 40.965



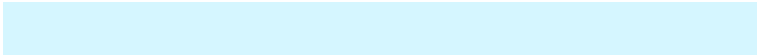
42, 79.459, 43.940



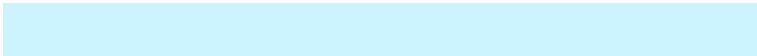
12, 29.751, 38.087

Inverse Universe

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



95, 11.777, 222.044



94, 14.224, 222.250



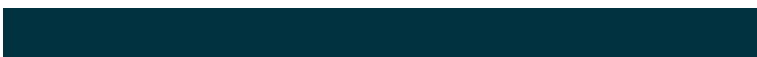
90, 15.672, 275.958



52, 4.163, 221.741



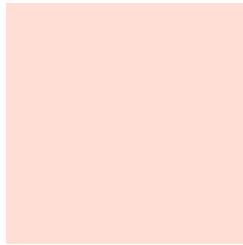
58, 35.731, 239.067



19, 16.212, 233.413

Previews

White Background



This preview shows how the CIELCh color 91, 13.176, 40.726 looks on a white background.

Color Contrast Check

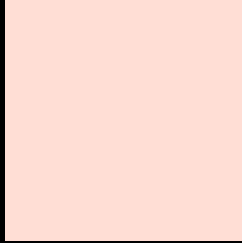
Large Text (above 18pt) WCAG AA × Fail

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, 13.176, 40.726 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

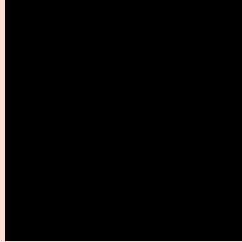
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

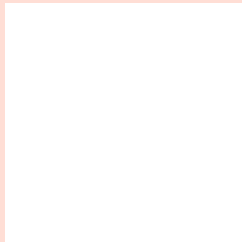
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 13.176, 40.726

Background



This preview shows how black text looks on a background with the CIELCh color 91, 13.176, 40.726.

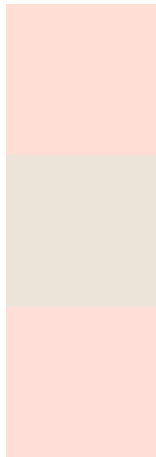


This preview shows how white text looks on a background with the CIELCh color 91, 13.176, 40.726.

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, 13.176, 40.726

Protanopia

91, 6.372, 82.382

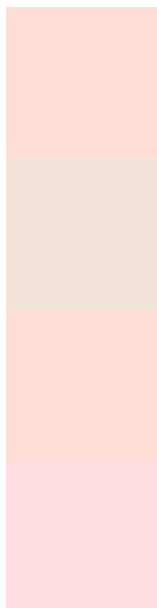
Deuteranopia

91, 12.802, 36.508



Tritanopia
91, 14.800, 348.919

Trichromacy



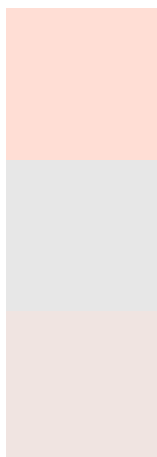
Original Color
91, 13.176, 40.726

Protanomaly
91, 8.104, 59.184

Deuteranomaly
91, 12.980, 38.648

Tritanomaly
91, 12.770, 6.297

Monochromacy



Original Color
91, 13.176, 40.726

Achromatopsia
92, 0.011, 296.813

Achromatomaly
91, 4.598, 39.217

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 13.176, 40.726 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, 222, 213)` looks like.

```
.text, #text, p{  
    color:rgb(255, 222, 213)  
}
```

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, 222, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 222, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 13.176, 40.726 is called "border". The border property can be set on classes, ids or directly on the HTML element.

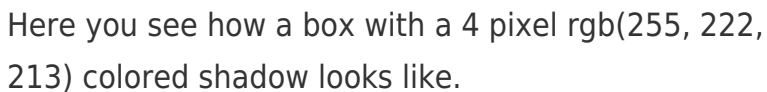
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 222, 213) }
```

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

```
.border{ border-color:rgb(255, 222, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 222, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 222, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 222, 213); box-shadow:4px 4px 4px 4px rgb(255, 222, 213) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 13.176, 40.726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 222, 213) }
```

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

```
.background{ background-color: rgb(255,  
222, 213) }
```

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