

Converting Colors

CIELCh(91, 13.390, 42.738)

Have a look what the booklet for
CIELCh(91, 13.390, 42.738) contains.

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Color

CIELCh(91, 13.390, 42.738)

Conversions

Conversions Part 1

Format	Color
Hex	FFDED4
RGB	255, 222, 212
RGB Percent	100%, 87%, 83%
CMY	0.0000, 0.1282, 0.1675
CMYK	0.00, 0.13, 0.17, 0.00
HSL	14°, 100%, 92%
HSV	14°, 17%, 100%
XYZ	79.4704, 78.4833, 73.4390
YIQ	230.7270, 22.8780, 3.8860

Conversions

Conversions Part 2

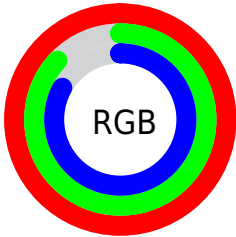
Format	Color
R _Y B	255, 225, 212
Decimal	16768724
CIE Lab	91.00, 9.83, 9.09
CIE LCh	91, 13.390, 42.738
Yxy	78.4833, 0.3434, 0.3392
Android (android.graphics.Color)	4294958804 (0xFFFFDED4)
YUV	230.7270, -9.2324, 21.2874
Hunter-Lab	88.5908, 5.0896, 12.8640

Details

The CIELCh color **91, 13.390, 42.738** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **95, 11.943, 224.446**, 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, 13.517, 43.917** is the 20% darker color. If you saturate the color by 10%, you get **86, 22.111, 42.762**, and if you desaturate by 10%, it is **96, 5.138, 43.158**.

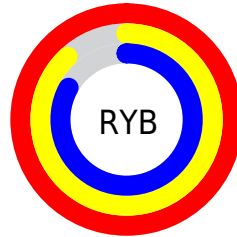
Distribution



Red (100%)

Green (87%)

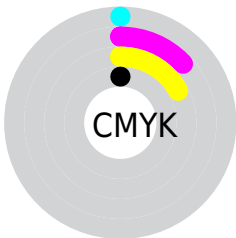
Blue (83%)



Red (100%)

Yellow (88%)

Blue (83%)

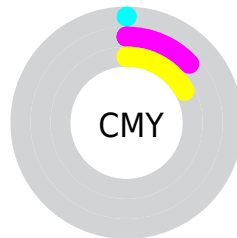


Cyan (0%)

Magenta (13%)

Yellow (17%)

Black (0%)



Cyan (0%)

Magenta (13%)

Yellow (17%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 13.390, 42.738 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, 13.390, 42.738 by changing the saturation by 10% instead.

 91, 13.390, 42.738

 91, 13.390, 42.738

 100, 13.390,
42.738

 81, 13.390, 42.738

 71, 13.390, 42.738

 61, 13.390, 42.738

 51, 13.390, 42.738

 41, 13.390, 42.738

 31, 13.390, 42.738

 21, 13.390, 42.738

 11, 13.390, 42.738

 1, 13.390, 42.738

91, 13.390, 42.738

91, 13.390, 42.738

86, 22.111, 42.762

96, 5.138, 43.158

81, 31.672, 42.714

100, 0.012,
296.813

76, 41.983, 42.830

71, 53.005, 43.137

67, 64.588, 43.633

63, 76.360, 44.234

60, 87.451, 44.665

57, 96.113, 44.300

57, 98.415, 44.122

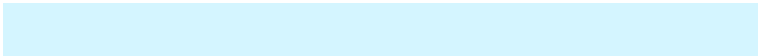
Harmonies

Complementary

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



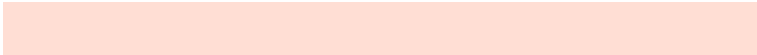
91, 13.390, 42.738



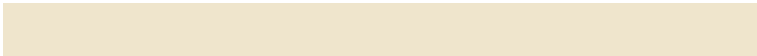
95, 11.943, 224.446

Rectangle

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



91, 13.390, 42.738



91, 13.390, 92.738



91, 13.390, 222.738



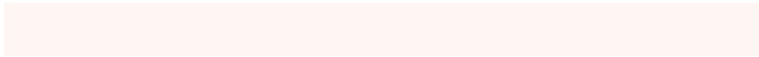
91, 13.390, 272.738

Sweetspot

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



91, 13.282, 42.937



97, 3.779, 43.175



89, 22.774, 332.805



52, 2.586, 43.171



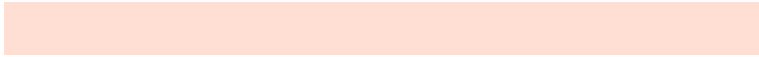
0, 0.000, 0.000



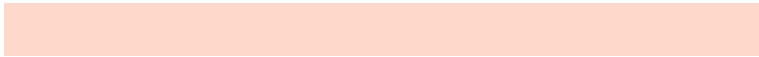
53, 0.007, 296.813

Same Dimension

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



91, 13.282, 42.937



89, 16.075, 42.869



96, 16.513, 94.040



50, 4.377, 43.105



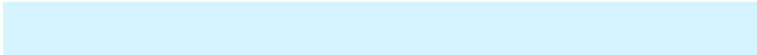
43, 78.786, 44.589



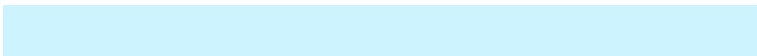
12, 29.476, 39.245

Inverse Universe

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



95, 11.943, 224.446



94, 14.128, 224.667



89, 16.658, 278.361



52, 4.132, 224.051



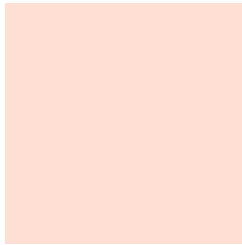
57, 36.285, 243.079



18, 16.338, 237.013

Previews

White Background



This preview shows how the CIE LCh color 91, 13.390, 42.738 looks on a white background.

Color Contrast Check

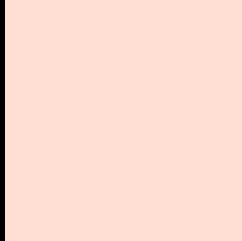
Large Text (above 18pt) WCAG AA × Fail

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, 13.390, 42.738 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

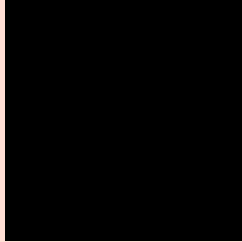
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

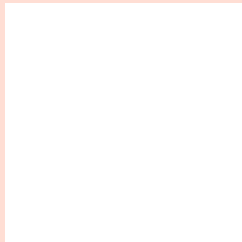
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 13.390, 42.738

Background



This preview shows how black text looks on a background with the CIELCh color 91, 13.390, 42.738.

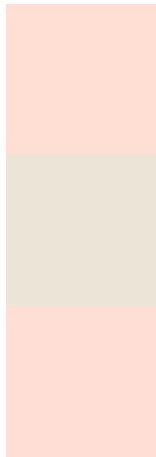


This preview shows how white text looks on a background with the CIELCh color 91, 13.390, 42.738.

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, 13.390, 42.738

Protanopia

91, 7.003, 81.563

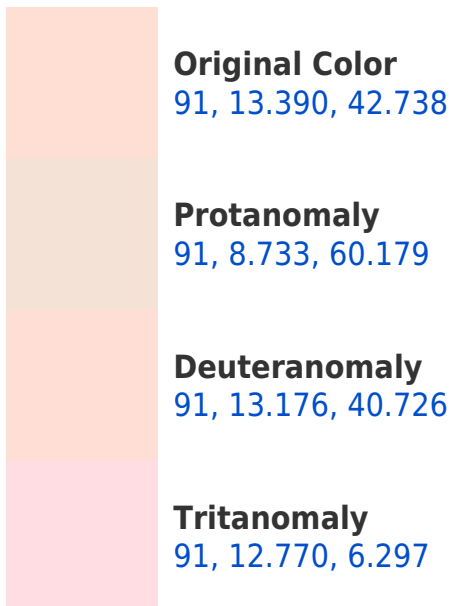
Deuteranopia

91, 12.980, 38.648



Tritanopia
91, 14.800, 348.919

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 13.390, 42.738 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, 212)` looks like.

```
.text, #text, p{  
    color:rgb(255, 222, 212)  
}
```

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, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 222, 212) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 13.390, 42.738 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, 212) }
```

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

```
.border{ border-color:rgb(255, 222, 212) }
```

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, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 222, 212); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 222, 212); box-shadow:4px 4px 4px 4px rgb(255, 222, 212) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 13.390, 42.738 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, 212) }
```

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

```
.background{ background-color: rgb(255,  
222, 212) }
```

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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