

Converting Colors

CIELCh(91, 12.980, 38.648)

Have a look what the booklet for
CIELCh(91, 12.980, 38.648) contains.

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Color

CIELCh(91, 12.980, 38.648)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | FFDED6 |
| RGB | 255, 222, 214 |
| RGB Percent | 100%, 87%, 84% |
| CMY | 0.0000, 0.1288, 0.1602 |
| CMYK | 0.00, 0.13, 0.16, 0.00 |
| HSL | 12°, 100%, 92% |
| HSV | 12°, 16%, 100% |
| XYZ | 79.6238, 78.4833, 74.6777 |
| YIQ | 230.9550, 22.2360, 4.5080 |

Conversions

Conversions Part 2

| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 255, 224, 214 |
| Decimal | 16768726 |
| CIE Lab | 91.00, 10.14, 8.11 |
| CIE LCh | 91, 12.980, 38.648 |
| Yxy | 78.4833, 0.3420, 0.3371 |
| Android (android.graphics.Color) | 4294958806 (0xFFFFDED6) |
| YUV | 230.9550, -8.3588, 21.0875 |
| Hunter-Lab | 88.5908, 5.3987, 12.0350 |

Details

The CIELCh color **91, 12.980, 38.648** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **95, 11.631, 219.583**, 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, 13.055, 39.711** is the 20% darker color. If you saturate the color by 10%, you get **86, 21.888, 38.778**, and if you desaturate by 10%, it is **97, 4.654, 38.769**.

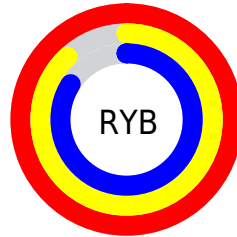
Distribution



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, 12.980, 38.648 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, 12.980, 38.648 by changing the saturation by 10% instead.

 91, 12.980, 38.648

 91, 12.980, 38.648

 100, 12.980,
38.648

 81, 12.980, 38.648

 71, 12.980, 38.648

 61, 12.980, 38.648

 51, 12.980, 38.648

 41, 12.980, 38.648

 31, 12.980, 38.648

 21, 12.980, 38.648

 11, 12.980, 38.648

 1, 12.980, 38.648

91, 12.980, 38.648

91, 12.980, 38.648

86, 21.888, 38.778

97, 4.654, 38.769

80, 31.609, 38.957

100, 0.012,
296.813

75, 42.094, 39.331

70, 53.296, 39.938

66, 65.060, 40.789

62, 77.020, 41.819

59, 88.346, 42.764

56, 97.275, 42.973

56, 100.037,
42.921

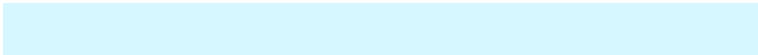
Harmonies

Complementary

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



91, 12.980, 38.648



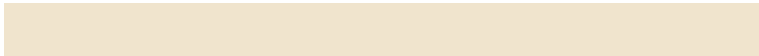
95, 11.631, 219.583

Rectangle

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



91, 12.980, 38.648



91, 12.980, 88.648



91, 12.980, 218.648



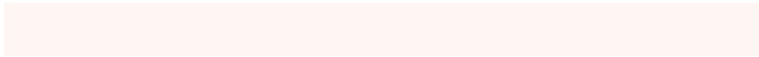
91, 12.980, 268.648

Sweetspot

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



91, 12.918, 38.747



97, 3.852, 38.757



90, 22.549, 330.939



51, 2.636, 38.766



0, 0.000, 0.000



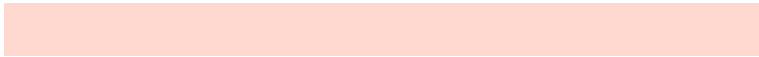
53, 0.007, 296.813

Same Dimension

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



91, 12.918, 38.747



89, 15.519, 38.744



96, 15.026, 90.404



50, 4.463, 38.771



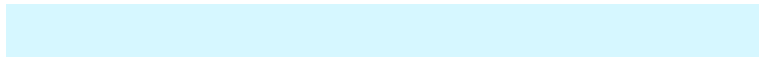
42, 80.125, 43.323



12, 30.039, 36.946

Inverse Universe

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



95, 11.631, 219.583



94, 13.676, 219.714



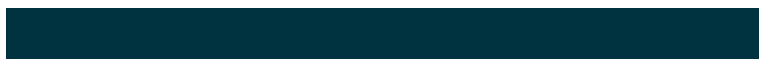
90, 15.026, 274.660



52, 4.203, 219.367



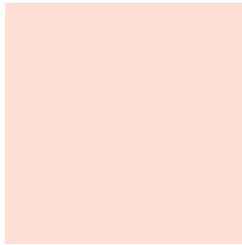
59, 35.330, 234.805



19, 16.143, 229.637

Previews

White Background



This preview shows how the CIELCh color 91, 12.980, 38.648 looks on a white background.

Color Contrast Check

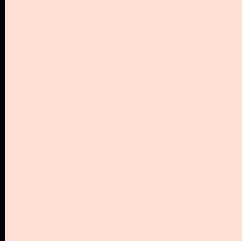
Large Text (above 18pt) WCAG AA × Fail

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, 12.980, 38.648 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

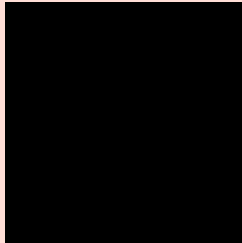
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

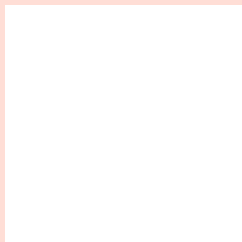
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 12.980, 38.648

Background



This preview shows how black text looks on a background with the CIELCh color 91, 12.980, 38.648.

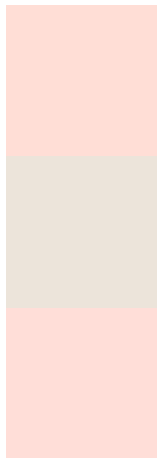


This preview shows how white text looks on a background with the CIELCh color 91, 12.980, 38.648.

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, 12.980, 38.648

Protanopia

91, 5.914, 80.162

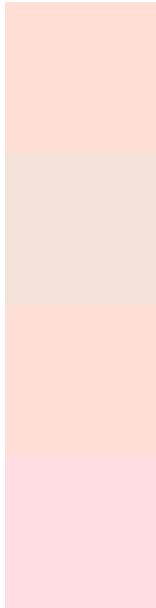
Deuteranopia

91, 12.643, 34.310



Tritanopia
91, 14.800, 348.919

Trichromacy



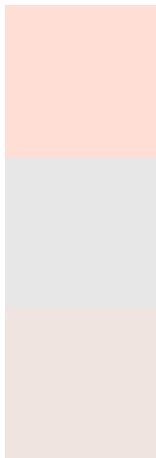
Original Color
91, 12.980, 38.648

Protanomaly
91, 7.776, 56.319

Deuteranomaly
91, 12.802, 36.508

Tritanomaly
91, 12.770, 6.297

Monochromacy



Original Color
91, 12.980, 38.648

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, 12.980, 38.648 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, 214)` looks like.

```
.text, #text, p{  
    color:rgb(255, 222, 214)  
}
```

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, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 222, 214) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 12.980, 38.648 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, 214) }
```

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

```
.border{ border-color:rgb(255, 222, 214) }
```

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, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 222, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 222, 214);  
box-shadow:4px 4px 4px 4px rgb(255, 222,  
214) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 12.980, 38.648 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, 214) }
```

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

```
.background{ background-color: rgb(255,  
222, 214) }
```

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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