

Converting Colors

CIELCh(91, 17.232, 72.763)

Have a look what the booklet for
CIELCh(91, 17.232, 72.763) contains.

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Color

CIELCh(91, 17.380, 72.734)

Conversions

Conversions Part 1

Format	Color
Hex	FCE1C6
RGB	252, 225, 198
RGB Percent	99%, 88%, 78%
CMY	0.0125, 0.1183, 0.2242
CMYK	0.00, 0.11, 0.21, 0.01
HSL	30°, 89%, 88%
HSV	30°, 21%, 99%
XYZ	77.1272, 78.4833, 64.4040
YIQ	229.9950, 24.7590, -2.6730

Conversions

Conversions Part 2

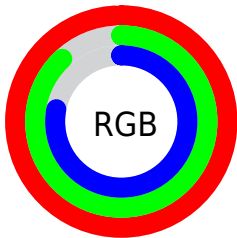
Format	Color
R_{YB}	252, 252, 198
Decimal	16572870
CIE Lab	91.00, 5.16, 16.60
CIE LCh	91, 17.380, 72.734
Yxy	78.4833, 0.3506, 0.3567
Android (android.graphics.Color)	4294762950 (0xFFFC _{E1C6})
YUV	229.9950, -15.7735, 19.2984
Hunter-Lab	88.5908, 0.3682, 18.9107

Details

The CIELCh color **91, 17.380, 72.734** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **88, 16.409, 258.593**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **71, 17.496, 73.211** is the 20% darker color. If you saturate the color by 10%, you get **87, 26.107, 71.482**, and if you desaturate by 10%, it is **95, 9.055, 73.976**.

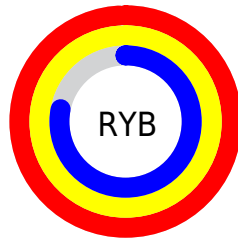
Distribution



Red (99%)

Green (88%)

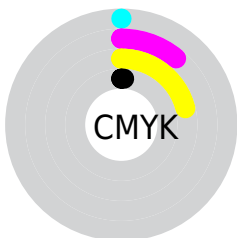
Blue (78%)



Red (99%)

Yellow (99%)

Blue (78%)

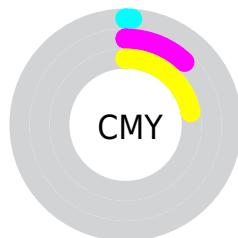


Cyan (0%)

Magenta (11%)

Yellow (21%)

Black (1%)



Cyan (1%)

Magenta (12%)

Yellow (22%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 17.380, 72.734 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, 17.380, 72.734 by changing the saturation by 10% instead.

 91, 17.380, 72.734

 91, 17.380, 72.734

 100, 17.380,
72.734

 81, 17.380, 72.734

 71, 17.380, 72.734

 61, 17.380, 72.734

 51, 17.380, 72.734

 41, 17.380, 72.734

 31, 17.380, 72.734

 21, 17.380, 72.734

 11, 17.380, 72.734

 1, 17.380, 72.734

91, 17.380, 72.734

91, 17.380, 72.734

87, 26.107, 71.482

95, 9.055, 73.976

84, 35.239, 70.205

98, 1.107, 74.862

81, 44.737, 68.914

100, 1.107,
199.934

77, 54.476, 67.585

74, 64.158, 66.157

71, 73.172, 64.483

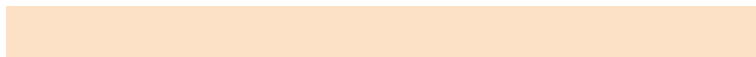
68, 80.459, 62.276

66, 84.770, 59.820

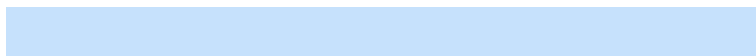
Harmonies

Complementary

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



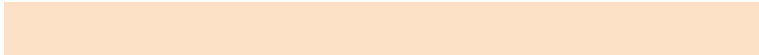
91, 17.380, 72.734



88, 16.409, 258.593

Rectangle

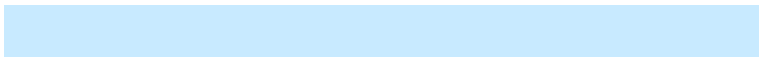
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91, 17.380, 72.734



91, 17.380, 122.734



91, 17.380, 252.734



91, 17.380, 302.734

Sweetspot

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



91, 17.380, 72.744



98, 4.735, 74.605



85, 24.120, 345.559



52, 3.146, 74.533



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, 17.380, 72.744



90, 21.528, 72.168



98, 27.291, 108.085



50, 4.451, 74.208



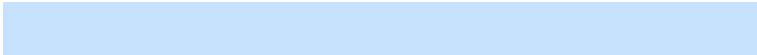
51, 67.992, 60.541



15, 25.831, 61.664

Inverse Universe

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



88, 16.409, 258.593



87, 20.044, 259.422



81, 28.700, 292.656



50, 4.353, 256.737



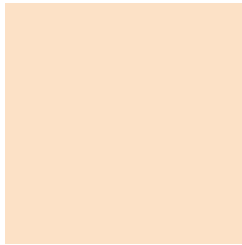
41, 57.689, 284.154



11, 22.958, 277.247

Previews

White Background



This preview shows how the CIELCh color 91, 17.380, 72.734 looks on a white background.

Color Contrast Check

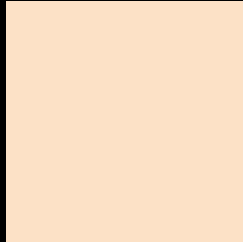
Large Text (above 18pt) WCAG AA × Fail

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, 17.380, 72.734 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

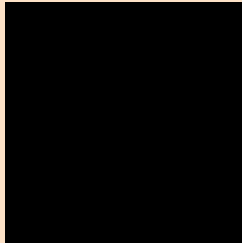
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 91, 17.380, 72.734

Background



This preview shows how black text looks on a background with the CIELCh color 91, 17.380, 72.734.

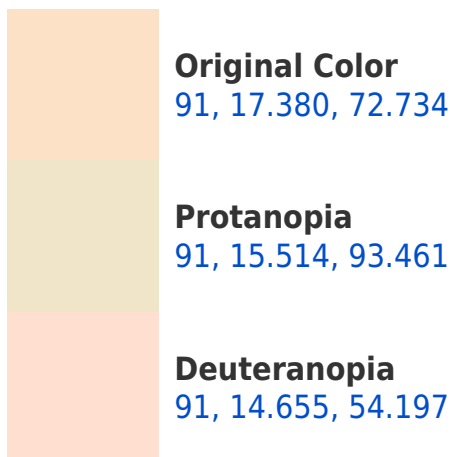


This preview shows how white text looks on a background with the CIELCh color 91, 17.380, 72.734.

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](#).

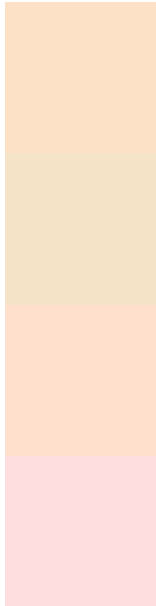
Dichromacy





Tritanopia
91, 15.064, 347.227

Trichromacy



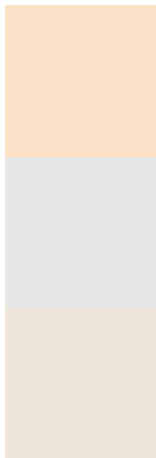
Original Color
91, 17.380, 72.734

Protanomaly
91, 15.831, 85.009

Deuteranomaly
91, 15.390, 61.855

Tritanomaly
91, 11.749, 20.194

Monochromacy



Original Color
91, 17.380, 72.734

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 6.307, 74.326

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 17.380, 72.734 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(252, 225, 198)` looks like.

```
.text, #text, p{  
    color:rgb(252, 225, 198)  
}
```

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(252, 225, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 225, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 17.380, 72.734 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(252, 225, 198) }
```

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

```
.border{ border-color:rgb(252, 225, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 225, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 225, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 225, 198);  
box-shadow:4px 4px 4px 4px rgb(252, 225,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 17.380, 72.734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 225, 198) }
```

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

```
.background{ background-color: rgb(252,  
225, 198) }
```

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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