

Converting Colors

CIELCh(91, 16.775, 87.338)

Have a look what the booklet for
CIELCh(91, 16.775, 87.338) contains.

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Color

CIELCh(91, 17.112, 88.080)

Conversions

Conversions Part 1

Format	Color
Hex	F4E4C5
RGB	244, 228, 197
RGB Percent	96%, 89%, 77%
CMY	0.0445, 0.1072, 0.2288
CMYK	0.00, 0.07, 0.19, 0.04
HSL	40°, 67%, 86%
HSV	40°, 19%, 96%
XYZ	74.8746, 78.4833, 63.8239
YIQ	229.2500, 19.4870, -6.2490

Conversions

Conversions Part 2

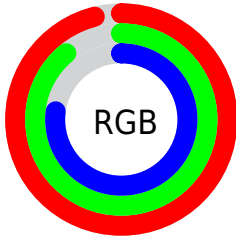
Format	Color
RYB	221, 244, 197
Decimal	16049349
CIELab	91.00, 0.57, 17.10
CIELCh	91, 17.112, 88.080
Yxy	78.4833, 0.3448, 0.3614
Android (android.graphics.Color)	4294239429 (0xFFFF4E4C5)
YUV	229.2500, -15.8992, 12.9358
Hunter-Lab	88.5908, -4.1705, 19.2990

Details

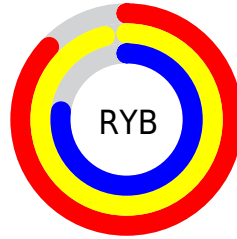
The CIELCh color **91, 17.112, 88.080** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **85, 17.015, 273.338**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.496, 109.985**, and **71, 17.255, 89.364** is the 20% darker color. If you saturate the color by 10%, you get **88, 26.270, 86.755**, and if you desaturate by 10%, it is **94, 8.142, 89.367**.

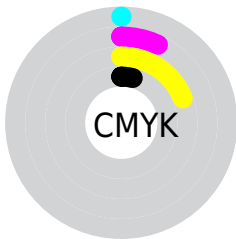
Distribution



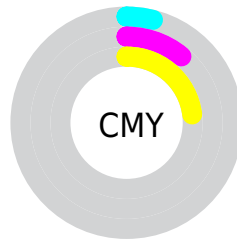
- Red (96%)
- Green (89%)
- Blue (77%)



- Red (87%)
- Yellow (96%)
- Blue (77%)



- Cyan (0%)
- Magenta (7%)
- Yellow (19%)
- Black (4%)





- Cyan (4%)
- Magenta (11%)
- Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 17.112, 88.080 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, 17.112, 88.080 by changing the saturation by 10% instead.

 91, 17.112, 88.080


 91, 17.112, 88.080

 100, 17.112,
88.080

 81, 17.112, 88.080


 71, 17.112, 88.080

 61, 17.112, 88.080

 51, 17.112, 88.080

 41, 17.112, 88.080

 31, 17.112, 88.080

 21, 17.112, 88.080

 11, 17.112, 88.080

 1, 17.112, 88.080

91, 17.112, 88.080

91, 17.112, 88.080

88, 26.270, 86.755

94, 8.142, 89.367

86, 35.576, 85.379

96, 0.632, 271.105

84, 44.940, 83.960

99, 3.298, 221.833

81, 54.181, 82.484

99, 3.919, 199.326

79, 62.952, 80.919

77, 70.650, 79.185

75, 76.380, 77.136

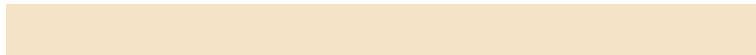
73, 79.508, 74.614

73, 79.701, 74.430

Harmonies

Complementary

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



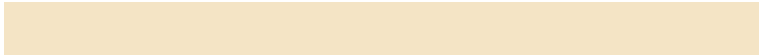
91, 17.112, 88.080



85, 17.015, 273.338

Rectangle

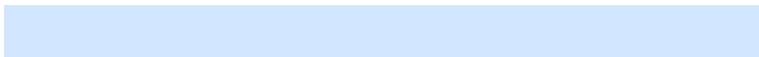
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91, 17.112, 88.080



91, 17.112, 138.080



91, 17.112, 268.080



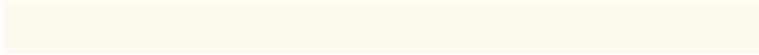
91, 17.112, 318.080

Sweetspot

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



91, 17.113, 88.089



98, 5.436, 89.762



84, 19.332, 354.504



52, 3.609, 89.685



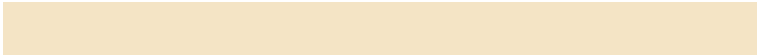
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



91, 17.113, 88.089



94, 21.268, 87.591



95, 24.094, 114.610



50, 5.005, 89.342



57, 65.132, 74.970



17, 25.681, 77.750

Inverse Universe

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



85, 17.015, 273.338



86, 21.116, 273.979



81, 25.155, 297.703



48, 5.000, 271.852



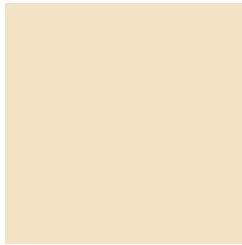
32, 76.405, 296.227



7, 29.126, 290.284

Previews

White Background



This preview shows how the CIE LCh color 91, 17.112, 88.080 looks on a white background.

Color Contrast Check

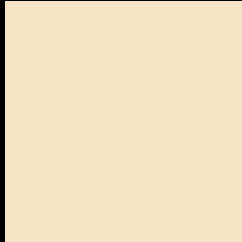
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 91, 17.112, 88.080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

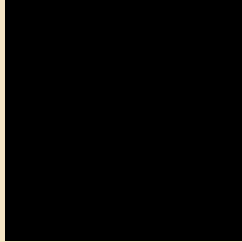
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 91, 17.112, 88.080

Background



This preview shows how black text looks on a background with the CIELCh color 91, 17.112, 88.080.

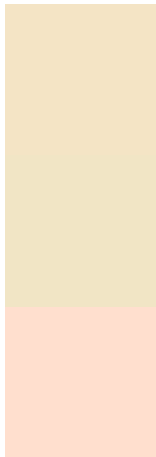


This preview shows how white text looks on a background with the CIELCh color 91, 17.112, 88.080.

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, 17.112, 88.080

Protanopia

91, 17.110, 93.425

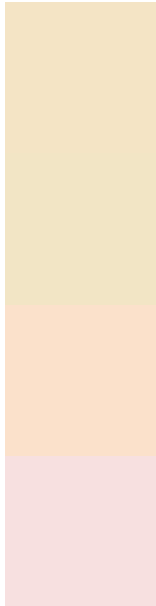
Deuteranopia

91, 14.973, 55.751



Tritanopia
91, 13.076, 338.052

Trichromacy



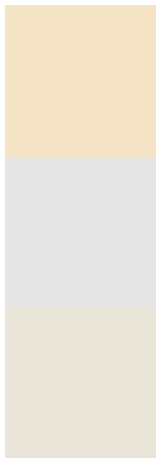
Original Color
91, 17.112, 88.080

Protanomaly
91, 17.216, 92.200

Deuteranomaly
91, 15.058, 68.507

Tritanomaly
91, 8.379, 19.927

Monochromacy



Original Color
91, 17.112, 88.080

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 6.444, 93.215

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 17.112, 88.080 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(244, 228, 197)` looks like.

```
.text, #text, p{  
    color:rgb(244, 228, 197)  
}
```

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(244, 228, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 228, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 17.112, 88.080 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(244, 228, 197) }
```

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

```
.border{ border-color:rgb(244, 228, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 228, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 228, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 228, 197);  
box-shadow:4px 4px 4px 4px rgb(244, 228,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 17.112, 88.080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 228, 197) }
```

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

```
.background{ background-color: rgb(244,  
228, 197) }
```

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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