

Converting Colors

CIELCh(91, 46.085, 93.118)

Have a look what the booklet for
CIELCh(91, 46.085, 93.118) contains.

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Color

CIELCh(91, 46.118, 93.131)

Conversions

Conversions Part 1

Format	Color
Hex	FEE48C
RGB	254, 228, 140
RGB Percent	100%, 89%, 55%
CMY	0.0037, 0.1057, 0.4508
CMYK	0.00, 0.10, 0.45, 0.00
HSL	46°, 98%, 77%
HSV	46°, 45%, 100%
XYZ	73.3805, 78.4833, 36.1073
YIQ	225.7420, 43.7440, -21.8560

Conversions

Conversions Part 2

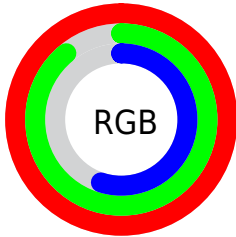
Format	Color
RYB	174, 254, 140
Decimal	16704652
CIELab	91.00, -2.52, 46.05
CIELCh	91, 46.118, 93.131
Yxy	78.4833, 0.3904, 0.4175
Android (android.graphics.Color)	4294894732 (0xFFFE48C)
YUV	225.7420, -42.2708, 24.7823
Hunter-Lab	88.5908, -7.1810, 37.8485

Details

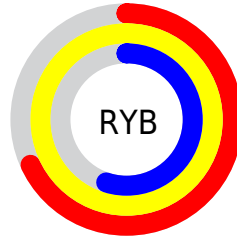
The CIELCh color **91, 46.118, 93.131** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **69, 48.463, 286.116**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 30.226, 107.879**, and **71, 46.092, 93.489** is the 20% darker color. If you saturate the color by 10%, you get **89, 56.102, 91.825**, and if you desaturate by 10%, it is **93, 35.855, 94.420**.

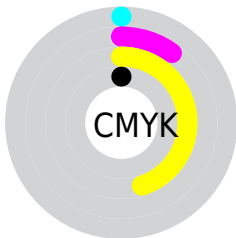
Distribution



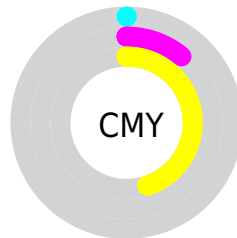
- Red (100%)
- Green (89%)
- Blue (55%)



- Red (68%)
- Yellow (100%)
- Blue (55%)



- Cyan (0%)
- Magenta (10%)
- Yellow (45%)
- Black (0%)



- Cyan (0%)
- Magenta (11%)
- Yellow (45%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 46.118, 93.131 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, 46.118, 93.131 by changing the saturation by 10% instead.

 91, 46.118, 93.131

 91, 46.118, 93.131

 100, 46.118,
93.131

 81, 46.118, 93.131

 71, 46.118, 93.131

 61, 46.118, 93.131

 51, 46.118, 93.131

 41, 46.118, 93.131

 31, 46.118, 93.131

 21, 46.118, 93.131

 11, 46.118, 93.131

 1, 46.118, 93.131

■ 91, 46.118, 93.131

■ 91, 46.118, 93.131

■ 89, 56.102, 91.825

■ 93, 35.855, 94.420

■ 88, 65.463, 90.487

■ 95, 25.507, 95.677

■ 86, 73.642, 89.098

■ 97, 15.184, 96.899

■ 84, 79.846, 87.610

■ 99, 4.943, 98.061

■ 83, 83.266, 85.935

100, 0.332,
201.381

■ 82, 84.093, 84.999

Harmonies

Complementary

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



91, 46.118, 93.131



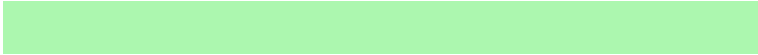
69, 48.463, 286.116

Rectangle

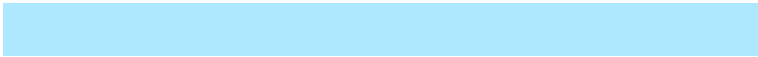
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91, 46.118, 93.131



91, 46.118, 143.131



91, 46.118, 273.131



91, 46.118, 323.131

Sweetspot

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



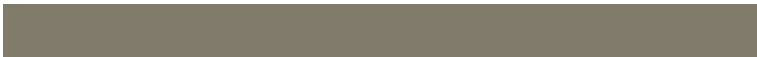
91, 46.119, 93.135



97, 13.297, 97.123



71, 46.203, 6.704



52, 9.316, 96.859



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, 46.119, 93.135



90, 55.415, 91.940



95, 57.705, 117.816



52, 5.803, 97.535



63, 68.023, 85.351



21, 29.881, 87.646

Inverse Universe

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



69, 48.463, 286.116



64, 59.354, 288.357



65, 63.929, 304.163



50, 5.858, 279.861



28, 91.503, 301.530



6, 36.569, 296.707

Previews

White Background



This preview shows how the CIE LCh color 91, 46.118, 93.131 looks on a white background.

Color Contrast Check

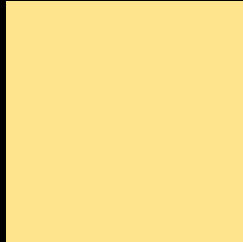
Large Text (above 18pt) WCAG AA × Fail

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, 46.118, 93.131 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, 46.118, 93.131

Background



This preview shows how black text looks on a background with the CIELCh color 91, 46.118, 93.131.



This preview shows how white text looks on a background with the CIELCh color 91, 46.118, 93.131.

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, 46.118, 93.131

Protanopia

91, 45.614, 95.657

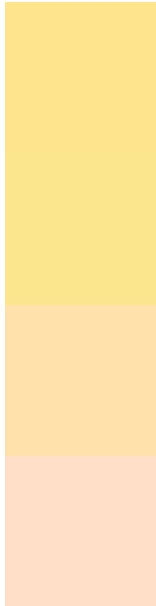
Deuteranopia

91, 20.912, 73.895



Tritanopia
91, 14.315, 352.485

Trichromacy



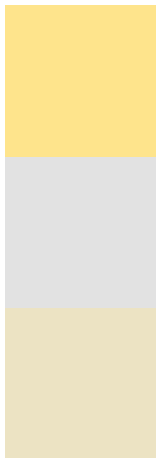
Original Color
91, 46.118, 93.131

Protanomaly
91, 45.700, 95.153

Deuteranomaly
91, 29.889, 84.514

Tritanomaly
91, 17.470, 64.866

Monochromacy



Original Color
91, 46.118, 93.131

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 16.871, 97.159

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 46.118, 93.131 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(254, 228, 140)` looks like.

```
.text, #text, p{  
    color:rgb(254, 228, 140)  
}
```

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(254, 228, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 228, 140) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 46.118, 93.131 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(254, 228, 140) }
```

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

```
.border{ border-color:rgb(254, 228, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 228, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 228, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 228, 140);  
box-shadow:4px 4px 4px 4px rgb(254, 228,  
140) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 46.118, 93.131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 228, 140) }
```

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

```
.background{ background-color: rgb(254,  
228, 140) }
```

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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