

Converting Colors

CIELCh(98, 45.964, 50.269)

Have a look what the booklet for
CIELCh(98, 45.964, 50.269) contains.

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Color

CIELCh(91, 25.443, 81.886)

Conversions

Conversions Part 1

Format	Color
Hex	FEE1B5
RGB	254, 225, 181
RGB Percent	100%, 88%, 71%
CMY	0.0029, 0.1165, 0.2889
CMYK	0.00, 0.11, 0.29, 0.00
HSL	36°, 98%, 85%
HSV	36°, 29%, 100%
XYZ	76.3521, 78.4833, 55.0139
YIQ	228.6550, 31.4080, -7.5360

Conversions

Conversions Part 2

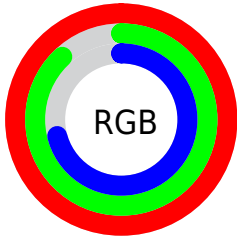
Format	Color
R _Y B	229, 254, 181
Decimal	16703925
CIE Lab	91.00, 3.59, 25.19
CIE LCh	91, 25.443, 81.886
Yxy	78.4833, 0.3638, 0.3740
Android (android.graphics.Color)	4294894005 (0xFFFE1B5)
YUV	228.6550, -23.4939, 22.2276
Hunter-Lab	88.5908, -1.1934, 25.1952

Details

The CIELCh color **91, 25.443, 81.886** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **84, 24.654, 270.244**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 9.112, 109.487**, and **71, 25.376, 82.464** is the 20% darker color. If you saturate the color by 10%, you get **88, 34.809, 80.505**, and if you desaturate by 10%, it is **94, 16.325, 83.240**.

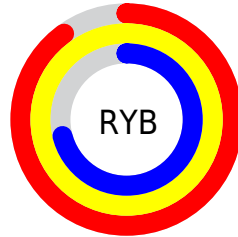
Distribution



Red (100%)

Green (88%)

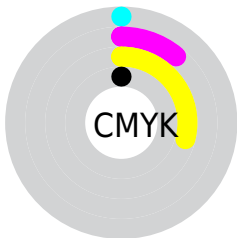
Blue (71%)



Red (90%)

Yellow (100%)

Blue (71%)

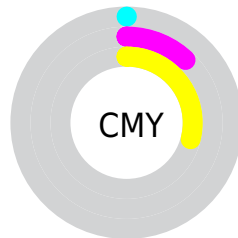


Cyan (0%)

Magenta (11%)

Yellow (29%)

Black (0%)



Cyan (0%)

Magenta (12%)

Yellow (29%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 25.443, 81.886 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, 25.443, 81.886 by changing the saturation by 10% instead.

 91, 25.443, 81.886

 91, 25.443, 81.886

 100, 25.443,
81.886

 81, 25.443, 81.886

 71, 25.443, 81.886

 61, 25.443, 81.886

 51, 25.443, 81.886

 41, 25.443, 81.886

 31, 25.443, 81.886

 21, 25.443, 81.886

 11, 25.443, 81.886

 1, 25.443, 81.886

91, 25.443, 81.886

91, 25.443, 81.886

88, 34.809, 80.505

94, 16.325, 83.240

85, 44.355, 79.076

97, 7.471, 84.530

82, 53.931, 77.591

100, 0.252,
202.016

80, 63.226, 76.008

77, 71.658, 74.232

75, 78.293, 72.076

73, 82.253, 69.314

72, 82.693, 68.940

Harmonies

Complementary

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



91, 25.443, 81.886



84, 24.654, 270.244

Rectangle

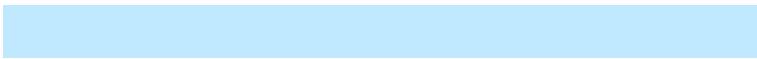
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91, 25.443, 81.886



91, 25.443, 131.886



91, 25.443, 261.886



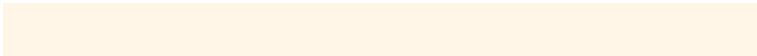
91, 25.443, 311.886

Sweetspot

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



91, 25.444, 81.893



97, 7.760, 84.491



81, 30.892, 352.387



51, 5.405, 84.308



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, 25.444, 81.893



90, 30.460, 81.160



98, 36.780, 111.743



52, 4.906, 84.428



56, 66.677, 69.573



18, 27.405, 72.153

Inverse Universe

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



84, 24.654, 270.244



81, 29.334, 271.342



77, 39.397, 297.026



50, 4.868, 267.008



36, 70.935, 292.720



10, 28.492, 287.027

Previews

White Background



This preview shows how the CIE LCh color 91, 25.443, 81.886 looks on a white background.

Color Contrast Check

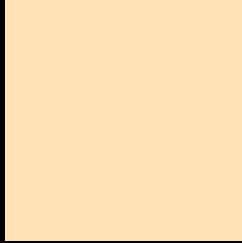
Large Text (above 18pt) WCAG AA × Fail

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, 25.443, 81.886 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

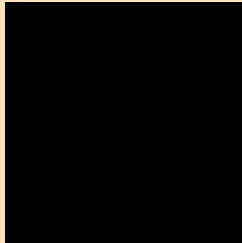
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 91, 25.443, 81.886

Background



This preview shows how black text looks on a background with the CIELCh color 91, 25.443, 81.886.

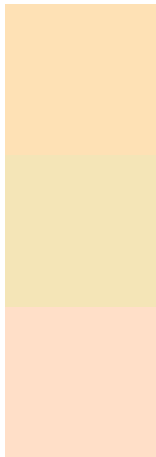


This preview shows how white text looks on a background with the CIELCh color 91, 25.443, 81.886.

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, 25.466, 81.872

Protanopia

91, 24.388, 94.461

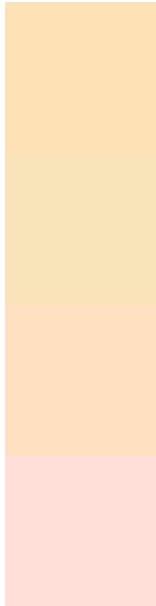
Deuteranopia

91, 17.089, 63.736



Tritanopia
91, 14.550, 350.672

Trichromacy



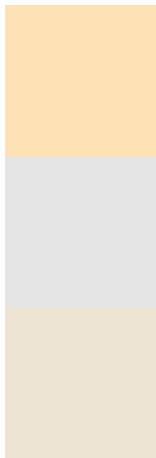
Original Color
91, 25.466, 81.872

Protanomaly
91, 24.963, 90.087

Deuteranomaly
91, 20.050, 72.370

Tritanomaly
91, 12.802, 36.508

Monochromacy



Original Color
91, 25.466, 81.872

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 9.035, 85.379

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 25.443, 81.886 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, 225, 181)` looks like.

```
.text, #text, p{  
    color:rgb(254, 225, 181)  
}
```

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, 225, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 225, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 25.443, 81.886 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, 225, 181) }
```

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

```
.border{ border-color:rgb(254, 225, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 225, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 225, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 225, 181);  
box-shadow:4px 4px 4px 4px rgb(254, 225,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 25.443, 81.886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 225, 181) }
```

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

```
.background{ background-color: rgb(254,  
225, 181) }
```

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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