

Converting Colors

CIE LCh(96, 41.130, 56.023)

Have a look what the booklet for
CIELCh(96, 41.130, 56.023) contains.

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Color

CIELCh(91, 26.851, 83.134)

Conversions

Conversions Part 1

Format	Color
Hex	FEE1B2
RGB	254, 225, 178
RGB Percent	100%, 88%, 70%
CMY	0.0022, 0.1158, 0.3001
CMYK	0.00, 0.11, 0.30, 0.00
HSL	37°, 99%, 85%
HSV	37°, 30%, 100%
XYZ	76.1645, 78.4833, 53.5047
YIQ	228.3130, 32.3710, -8.4690

Conversions

Conversions Part 2

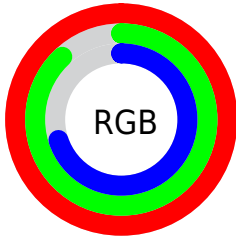
Format	Color
R_{YB}	225, 254, 178
Decimal	16703922
CIE _{Lab}	91.00, 3.21, 26.66
CIE _{LCh}	91, 26.851, 83.134
Yxy	78.4833, 0.3659, 0.3770
Android (android.graphics.Color)	4294894002 (0xFFFE1B2)
YUV	228.3130, -24.8043, 22.5275
Hunter-Lab	88.5908, -1.5715, 26.2052

Details

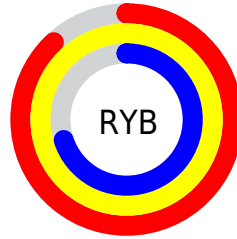
The CIELCh color **91, 26.851, 83.134** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **83, 26.161, 271.855**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 10.630, 109.373**, and **71, 26.864, 83.672** is the 20% darker color. If you saturate the color by 10%, you get **88, 36.309, 81.747**, and if you desaturate by 10%, it is **94, 17.611, 84.493**.

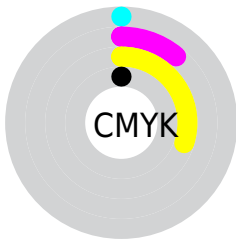
Distribution



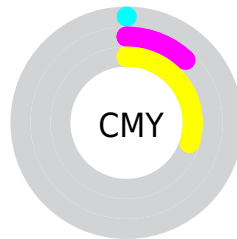
- Red (100%)
- Green (88%)
- Blue (70%)



- Red (88%)
- Yellow (100%)
- Blue (70%)



- Cyan (0%)
- Magenta (11%)
- Yellow (30%)
- Black (0%)



- Cyan (0%)
- Magenta (12%)
- Yellow (30%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 26.851, 83.134 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, 26.851, 83.134 by changing the saturation by 10% instead.

 91, 26.851, 83.134

 91, 26.851, 83.134

 100, 26.851,
83.134

 81, 26.851, 83.134

 71, 26.851, 83.134

 61, 26.851, 83.134

 51, 26.851, 83.134

 41, 26.851, 83.134

 31, 26.851, 83.134

 21, 26.851, 83.134

 11, 26.851, 83.134

 1, 26.851, 83.134

91, 26.851, 83.134

91, 26.851, 83.134

88, 36.309, 81.747

94, 17.611, 84.493

85, 45.902, 80.309

97, 8.614, 85.791

83, 55.458, 78.812

100, 0.137,
269.522

80, 64.628, 77.211

100, 0.196,
202.778

78, 72.783, 75.407

75, 78.957, 73.213

73, 82.497, 70.459

73, 82.543, 70.418

Harmonies

Complementary

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



91, 26.851, 83.134



83, 26.161, 271.855

Rectangle

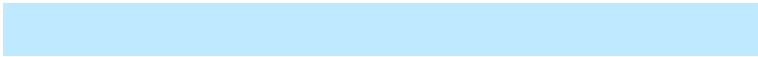
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91, 26.851, 83.134



91, 26.851, 133.134



91, 26.851, 263.134



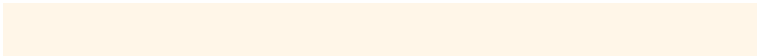
91, 26.851, 313.134

Sweetspot

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



91, 26.852, 83.141



97, 7.872, 85.898



81, 31.927, 353.618



52, 5.482, 85.715



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, 26.852, 83.141



89, 32.702, 82.288



98, 38.305, 112.370



52, 4.977, 85.835



56, 66.548, 71.033



18, 27.544, 73.699

Inverse Universe

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



83, 26.161, 271.855



79, 31.691, 273.150



76, 41.142, 297.725



50, 4.948, 268.402



35, 72.916, 293.777



9, 29.264, 288.219

Previews

White Background



This preview shows how the CIE LCh color 91, 26.851, 83.134 looks on a white background.

Color Contrast Check

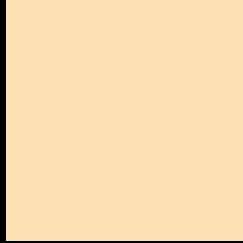
Large Text (above 18pt) WCAG AA × Fail

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, 26.851, 83.134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

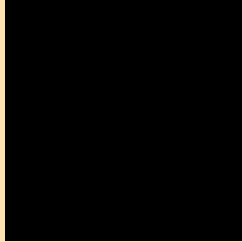
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 91, 26.851, 83.134

Background



This preview shows how black text looks on a background with the CIELCh color 91, 26.851, 83.134.




This preview shows how white text looks on a background with the CIELCh color 91, 26.851, 83.134.

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](#).

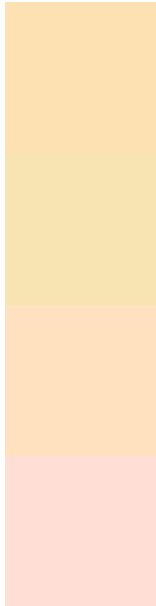
Dichromacy





Tritanopia
91, 14.550, 350.672

Trichromacy



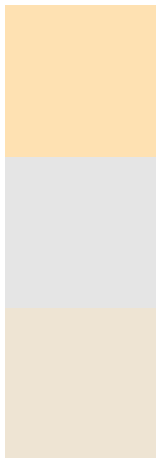
Original Color
91, 26.875, 83.119

Protanomaly
91, 26.436, 90.931

Deuteranomaly
91, 20.665, 74.786

Tritanomaly
91, 12.980, 38.648

Monochromacy



Original Color
91, 26.875, 83.119

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 9.512, 86.578

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 26.851, 83.134 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, 178)` looks like.

```
.text, #text, p{  
    color:rgb(254, 225, 178)  
}
```

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, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 225, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 26.851, 83.134 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, 178) }
```

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

```
.border{ border-color:rgb(254, 225, 178) }
```

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, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 225, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 225, 178);  
box-shadow:4px 4px 4px 4px rgb(254, 225,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 26.851, 83.134 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, 178) }
```

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

```
.background{ background-color: rgb(254,  
225, 178) }
```

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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