

Converting Colors

CIELCh(91, 19.449, 73.876)

Have a look what the booklet for
CIELCh(91, 19.449, 73.876) contains.

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Color

CIELCh(91, 19.565, 74.193)

Conversions

Conversions Part 1

Format	Color
Hex	FEE1C2
RGB	254, 225, 194
RGB Percent	100%, 88%, 76%
CMY	0.0057, 0.1193, 0.2408
CMYK	0.00, 0.11, 0.24, 0.01
HSL	31°, 95%, 88%
HSV	31°, 24%, 99%
XYZ	77.2120, 78.4833, 61.8734
YIQ	230.1370, 27.2350, -3.4930

Conversions

Conversions Part 2

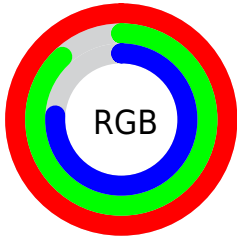
Format	Color
R _{YB}	250, 254, 194
Decimal	16703938
CIE Lab	91.00, 5.33, 18.83
CIE LCh	91, 19.565, 74.193
Yxy	78.4833, 0.3549, 0.3607
Android (android.graphics.Color)	4294894018 (0xFFFE1C2)
YUV	230.1370, -17.8155, 20.9279
Hunter-Lab	88.5908, 0.5392, 20.6043

Details

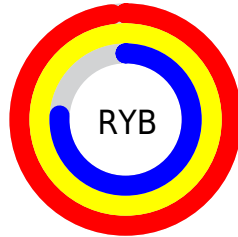
The CIELCh color **91, 19.565, 74.193** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **88, 18.471, 260.802**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 2.017, 109.989**, and **71, 19.819, 74.546** is the 20% darker color. If you saturate the color by 10%, you get **88, 28.471, 72.906**, and if you desaturate by 10%, it is **95, 11.043, 75.469**.

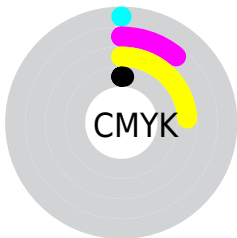
Distribution



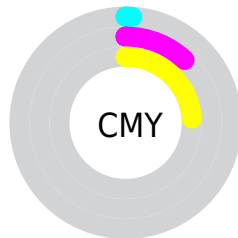
- Red (100%)
- Green (88%)
- Blue (76%)



- Red (98%)
- Yellow (100%)
- Blue (76%)



- Cyan (0%)
- Magenta (11%)
- Yellow (24%)
- Black (1%)



- Cyan (1%)
- Magenta (12%)
- Yellow (24%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 19.565, 74.193 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, 19.565, 74.193 by changing the saturation by 10% instead.

 91, 19.565, 74.193

 91, 19.565, 74.193

 100, 19.565,
74.193

 81, 19.565, 74.193

 71, 19.565, 74.193

 61, 19.565, 74.193

 51, 19.565, 74.193

 41, 19.565, 74.193

 31, 19.565, 74.193

 21, 19.565, 74.193

 11, 19.565, 74.193

 1, 19.565, 74.193

91, 19.565, 74.193

91, 19.565, 74.193

88, 28.471, 72.906

95, 11.043, 75.469

84, 37.752, 71.591

98, 2.885, 76.618

81, 47.347, 70.250

100, 0.501,
200.696

78, 57.089, 68.857

75, 66.614, 67.333

72, 75.203, 65.512

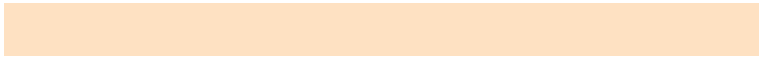
69, 81.721, 63.084

67, 84.626, 61.201

Harmonies

Complementary

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



91, 19.565, 74.193



88, 18.471, 260.802

Rectangle

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



91, 19.565, 74.193



91, 19.565, 124.193



91, 19.565, 254.193



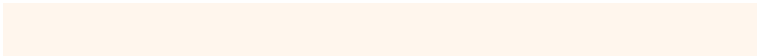
91, 19.565, 304.193

Sweetspot

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



91, 19.566, 74.202



97, 5.603, 76.271



84, 26.530, 346.734



52, 3.645, 76.201



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, 19.566, 74.202



90, 23.498, 73.640



98, 30.248, 108.587



51, 4.577, 75.976



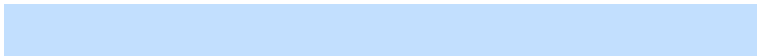
52, 68.237, 61.894



16, 27.013, 63.509

Inverse Universe

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



88, 18.471, 260.802



86, 21.920, 261.628



80, 31.996, 293.539



50, 4.487, 258.536



40, 60.294, 285.791



12, 24.464, 279.371

Previews

White Background



This preview shows how the CIE LCh color 91, 19.565, 74.193 looks on a white background.

Color Contrast Check

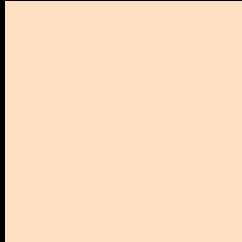
Large Text (above 18pt) WCAG AA × Fail

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, 19.565, 74.193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

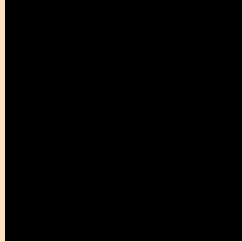
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 91, 19.565, 74.193

Background



This preview shows how black text looks on a background with the CIELCh color 91, 19.565, 74.193.



This preview shows how white text looks on a background with the CIELCh color 91, 19.565, 74.193.

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, 19.565, 74.193

Protanopia

91, 17.609, 93.806

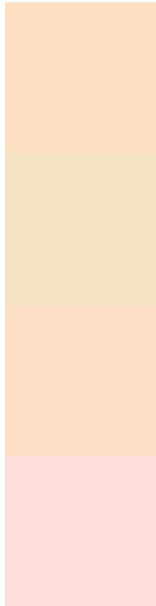
Deuteranopia

91, 15.302, 57.238



Tritanopia
91, 14.800, 348.919

Trichromacy



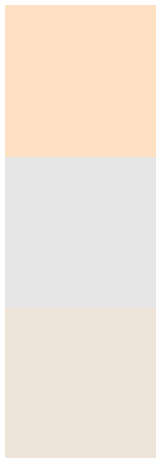
Original Color
91, 19.565, 74.193

Protanomaly
91, 18.052, 85.163

Deuteranomaly
91, 16.520, 65.591

Tritanomaly
91, 11.835, 25.169

Monochromacy



Original Color
91, 19.565, 74.193

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 6.946, 74.233

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 19.565, 74.193 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, 194)` looks like.

```
.text, #text, p{  
    color:rgb(254, 225, 194)  
}
```

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, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 225, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 19.565, 74.193 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, 194) }
```

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

```
.border{ border-color:rgb(254, 225, 194) }
```

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, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 225, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 225, 194);  
box-shadow:4px 4px 4px 4px rgb(254, 225,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 19.565, 74.193 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, 194) }
```

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

```
.background{ background-color: rgb(254,  
225, 194) }
```

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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