

Converting Colors

CIELCh(91, 19.396, 75.025)

Have a look what the booklet for
CIELCh(91, 19.396, 75.025) contains.

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Color

CIELCh(91, 19.341, 75.131)

Conversions

Conversions Part 1

Format	Color
Hex	FDE1C2
RGB	253, 225, 194
RGB Percent	99%, 88%, 76%
CMY	0.0086, 0.1184, 0.2399
CMYK	0.00, 0.11, 0.23, 0.01
HSL	32°, 93%, 88%
HSV	32°, 23%, 99%
XYZ	77.0303, 78.4833, 62.0212
YIQ	229.8380, 26.6390, -3.7050

Conversions

Conversions Part 2

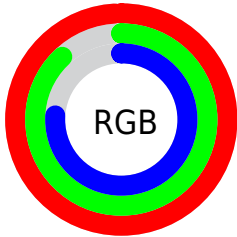
Format	Color
R _Y B	247, 253, 194
Decimal	16638402
CIE Lab	91.00, 4.96, 18.69
CIE LCh	91, 19.341, 75.131
Yxy	78.4833, 0.3541, 0.3608
Android (android.graphics.Color)	4294828482 (0xFFFDE1C2)
YUV	229.8380, -17.6681, 20.3131
Hunter-Lab	88.5908, 0.1729, 20.5054

Details

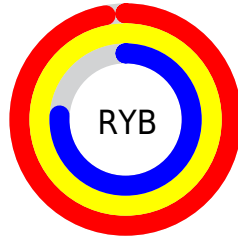
The CIELCh color **91, 19.341, 75.131** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **87, 18.338, 261.673**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 2.017, 109.989**, and **71, 19.581, 75.541** is the 20% darker color. If you saturate the color by 10%, you get **88, 28.237, 73.832**, and if you desaturate by 10%, it is **94, 10.815, 76.416**.

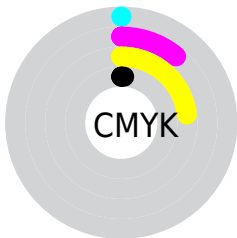
Distribution



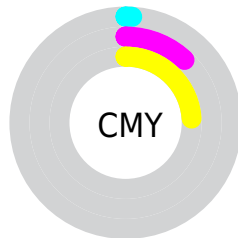
- Red (99%)
- Green (88%)
- Blue (76%)



- Red (97%)
- Yellow (99%)
- Blue (76%)



- Cyan (0%)
- Magenta (11%)
- Yellow (23%)
- Black (1%)



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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 19.341, 75.131 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, 19.341, 75.131 by changing the saturation by 10% instead.

 91, 19.341, 75.131

 91, 19.341, 75.131

 100, 19.341,
75.131

 81, 19.341, 75.131

 71, 19.341, 75.131

 61, 19.341, 75.131

 51, 19.341, 75.131

 41, 19.341, 75.131

 31, 19.341, 75.131

 21, 19.341, 75.131

 11, 19.341, 75.131

 1, 19.341, 75.131

91, 19.341, 75.131

91, 19.341, 75.131

88, 28.237, 73.832

94, 10.815, 76.416

84, 37.493, 72.501

98, 2.641, 77.562

81, 47.045, 71.143

100, 0.762,
200.227

78, 56.730, 69.729

75, 66.183, 68.187

72, 74.700, 66.354

69, 81.165, 63.935

68, 84.144, 61.955

Harmonies

Complementary

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



91, 19.341, 75.131



87, 18.338, 261.673

Rectangle

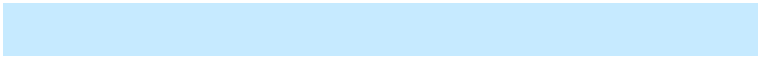
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91, 19.341, 75.131



91, 19.341, 125.131



91, 19.341, 255.131



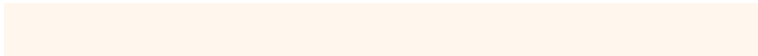
91, 19.341, 305.131

Sweetspot

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



91, 19.342, 75.140



97, 5.638, 77.185



84, 26.102, 346.700



52, 3.669, 77.114



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, 19.342, 75.140



90, 23.612, 74.531



98, 29.773, 108.618



51, 4.605, 76.888



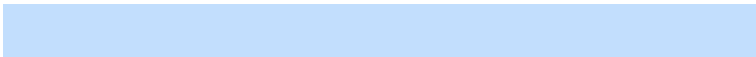
52, 68.018, 62.638



16, 27.024, 64.388

Inverse Universe

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



87, 18.338, 261.673



86, 22.119, 262.559



80, 31.467, 293.494



50, 4.521, 259.457



40, 61.342, 286.589



11, 24.852, 280.241

Previews

White Background



This preview shows how the CIE LCh color 91, 19.341, 75.131 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 CIE LCh color 91, 19.341, 75.131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

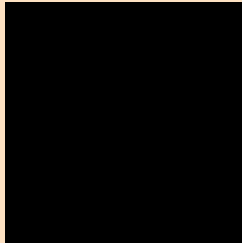
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 91, 19.341, 75.131

Background



This preview shows how black text looks on a background with the CIELCh color 91, 19.341, 75.131.

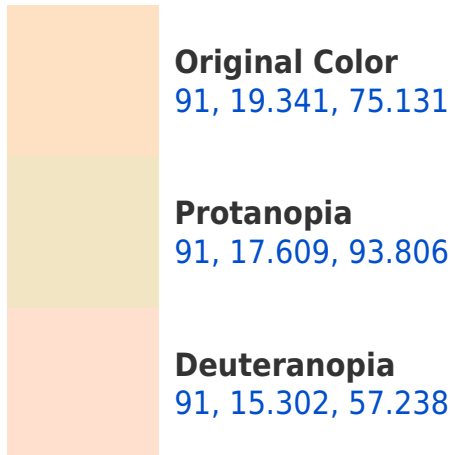


This preview shows how white text looks on a background with the CIELCh color 91, 19.341, 75.131.

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](#).

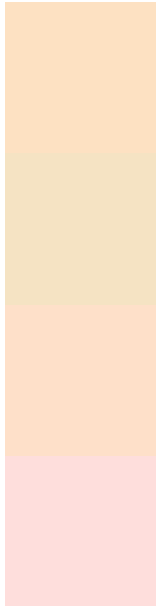
Dichromacy





Tritanopia
91, 14.800, 348.919

Trichromacy



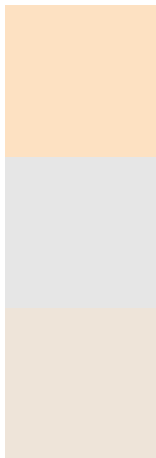
Original Color
91, 19.341, 75.131

Protanomaly
91, 17.898, 86.289

Deuteranomaly
91, 16.520, 65.591

Tritanomaly
91, 11.835, 25.169

Monochromacy



Original Color
91, 19.341, 75.131

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 6.739, 76.796

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 19.341, 75.131 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(253, 225, 194)` looks like.

```
.text, #text, p{  
    color:rgb(253, 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(253, 225, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 225, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 19.341, 75.131 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(253, 225, 194) }
```

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

```
.border{ border-color:rgb(253, 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(253, 225, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 225, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 225, 194);  
box-shadow:4px 4px 4px 4px rgb(253, 225,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 19.341, 75.131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 225, 194) }
```

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

```
.background{ background-color: rgb(253,  
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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