

Converting Colors

CIELCh(100, 41.315, 41.759)

Have a look what the booklet for
CIELCh(100, 41.315, 41.759)
contains.

CIELCh(93, 17.058, 76.832)	3
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Color

CIELCh(93, 17.058, 76.832)

Conversions

Conversions Part 1

Format	Color
Hex	FFE7CB
RGB	255, 231, 203
RGB Percent	100%, 91%, 80%
CMY	0.0000, 0.0929, 0.2028
CMYK	0.00, 0.09, 0.20, 0.00
HSL	33°, 100%, 90%
HSV	33°, 20%, 100%
XYZ	80.8306, 82.9670, 68.4394
YIQ	234.9840, 23.2920, -3.6200

Conversions

Conversions Part 2

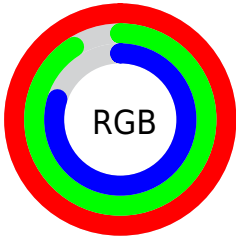
Format	Color
R _Y B	248, 255, 203
Decimal	16771019
CIE Lab	93.00, 3.89, 16.61
CIE LCh	93, 17.058, 76.832
Yxy	82.9670, 0.3481, 0.3573
Android (android.graphics.Color)	4294961099 (0xFFFFE7CB)
YUV	234.9840, -15.7681, 17.5540
Hunter-Lab	91.0862, -0.9987, 19.2117

Details

The CIELCh color **93, 17.058, 76.832** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **89, 16.325, 262.821**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 16.914, 75.519** is the 20% darker color. If you saturate the color by 10%, you get **90, 25.897, 75.861**, and if you desaturate by 10%, it is **96, 8.438, 78.458**.

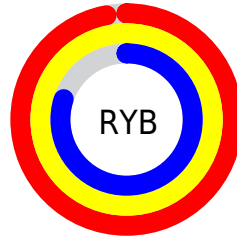
Distribution



Red (100%)

Green (91%)

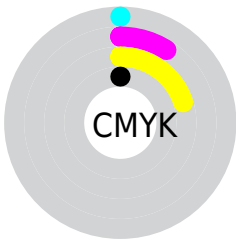
Blue (80%)



Red (97%)

Yellow (100%)

Blue (80%)

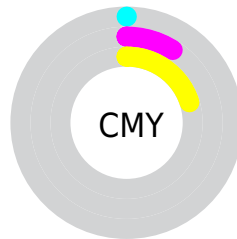


Cyan (0%)

Magenta (9%)

Yellow (20%)

Black (0%)



Cyan (0%)

Magenta (9%)

Yellow (20%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 17.058, 76.832 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 93, 17.058, 76.832 by changing the saturation by 10% instead.

 93, 17.058, 76.832

 93, 17.058, 76.832

 100, 17.058,
76.832

 83, 17.058, 76.832

 73, 17.058, 76.832

 63, 17.058, 76.832

 53, 17.058, 76.832

 43, 17.058, 76.832

 33, 17.058, 76.832

 23, 17.058, 76.832

 13, 17.058, 76.832

 3, 17.058, 76.832

93, 17.058, 76.832

93, 17.058, 76.832

90, 25.897, 75.861

96, 8.438, 78.458

86, 35.141, 74.513

100, 0.213, 77.881

83, 44.679, 73.134

100, 0.012,
296.813

80, 54.373, 71.707

77, 63.920, 70.175

74, 72.720, 68.414

72, 79.764, 66.179

69, 84.204, 63.354

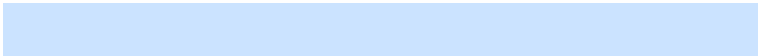
Harmonies

Complementary

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



93, 17.058, 76.832



89, 16.325, 262.821

Rectangle

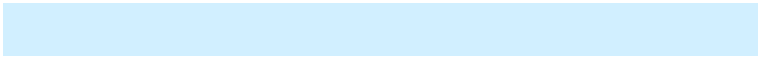
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93, 17.058, 76.832



93, 17.058, 126.832



93, 17.058, 256.832



93, 17.058, 306.832

Sweetspot

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



93, 16.994, 77.181



98, 4.883, 78.969



87, 22.549, 347.340



52, 3.243, 78.894



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 16.994, 77.181



92, 20.269, 76.693



99, 26.099, 109.618



51, 4.662, 78.553



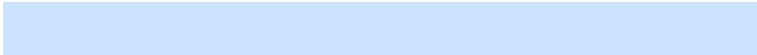
53, 67.644, 64.047



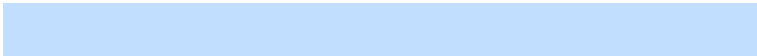
17, 27.061, 66.027

Inverse Universe

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



89, 16.325, 262.821



87, 19.308, 263.486



83, 27.367, 293.674



50, 4.587, 261.136



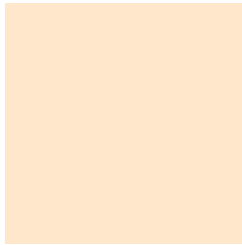
39, 63.317, 288.015



11, 25.589, 281.801

Previews

White Background



This preview shows how the CIE LCh color 93, 17.058, 76.832 looks on a white background.

Color Contrast Check

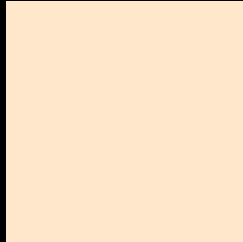
Large Text (above 18pt) WCAG AA × Fail

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 93, 17.058, 76.832 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

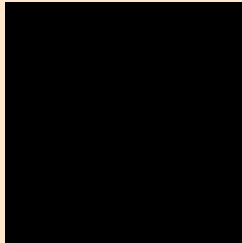
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 93, 17.058, 76.832

Background



This preview shows how black text looks on a background with the CIELCh color 93, 17.058, 76.832.

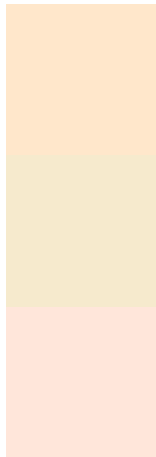


This preview shows how white text looks on a background with the CIELCh color 93, 17.058, 76.832.

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

93, 17.058, 76.832

Protanopia

93, 15.555, 92.160

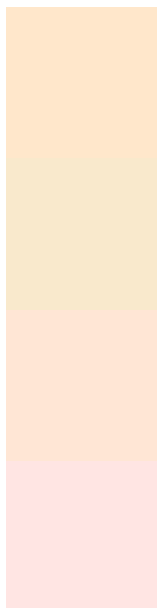
Deuteranopia

93, 11.126, 53.440



Tritanopia
93, 11.758, 345.534

Trichromacy



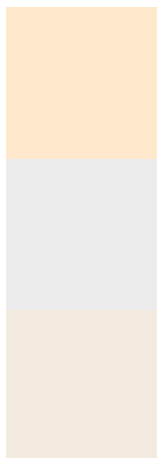
Original Color
93, 17.058, 76.832

Protanomaly
93, 16.076, 86.972

Deuteranomaly
93, 12.800, 62.723

Tritanomaly
93, 9.533, 26.163

Monochromacy



Original Color
93, 17.058, 76.832

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 6.340, 82.405

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 17.058, 76.832 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(255, 231, 203)` looks like.

```
.text, #text, p{  
    color:rgb(255, 231, 203)  
}
```

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(255, 231, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 231, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 17.058, 76.832 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(255, 231, 203) }
```

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

```
.border{ border-color:rgb(255, 231, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 231, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 231, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 231, 203);  
box-shadow:4px 4px 4px 4px rgb(255, 231,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 17.058, 76.832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 231, 203) }
```

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

```
.background{ background-color: rgb(255,  
231, 203) }
```

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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