

Converting Colors

CIELCh(93, 15.882, 83.783)

Have a look what the booklet for
CIELCh(93, 15.882, 83.783) contains.

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Color

CIELCh(93, 15.909, 83.815)

Conversions

Conversions Part 1

Format	Color
Hex	FBE9CD
RGB	251, 233, 205
RGB Percent	98%, 91%, 80%
CMY	0.0168, 0.0874, 0.1972
CMYK	0.00, 0.07, 0.18, 0.02
HSL	37°, 84%, 89%
HSV	37°, 18%, 98%
XYZ	79.7239, 82.9670, 69.3943
YIQ	235.1900, 19.7160, -4.8920

Conversions

Conversions Part 2

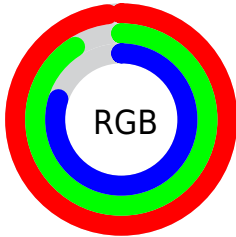
Format	Color
R _Y B	235, 251, 205
Decimal	16509389
CIE Lab	93.00, 1.71, 15.82
CIE LCh	93, 15.909, 83.815
Yxy	82.9670, 0.3435, 0.3575
Android (android.graphics.Color)	4294699469 (0xFFFBE9CD)
YUV	235.1900, -14.8837, 13.8654
Hunter-Lab	91.0862, -3.1675, 18.5901

Details

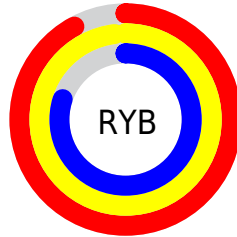
The CIELCh color **93, 15.909, 83.815** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **88, 15.634, 268.896**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 15.640, 82.984** is the 20% darker color. If you saturate the color by 10%, you get **90, 24.949, 82.480**, and if you desaturate by 10%, it is **96, 7.126, 85.111**.

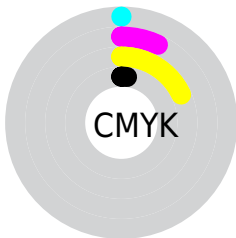
Distribution



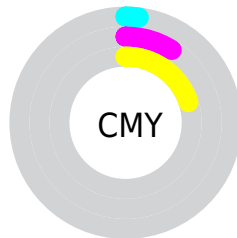
- Red (98%)
- Green (91%)
- Blue (80%)



- Red (92%)
- Yellow (98%)
- Blue (80%)



- Cyan (0%)
- Magenta (7%)
- Yellow (18%)
- Black (2%)



- Cyan (2%)
- Magenta (9%)
- Yellow (20%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 15.909, 83.815 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, 15.909, 83.815 by changing the saturation by 10% instead.

 93, 15.909, 83.815

 93, 15.909, 83.815

 100, 15.909,
83.815

 83, 15.909, 83.815

 73, 15.909, 83.815

 63, 15.909, 83.815

 53, 15.909, 83.815

 43, 15.909, 83.815

 33, 15.909, 83.815

 23, 15.909, 83.815

 13, 15.909, 83.815

 3, 15.909, 83.815

93, 15.909, 83.815

93, 15.909, 83.815

90, 24.949, 82.480

96, 7.126, 85.111

87, 34.223, 81.094

99, 1.407, 266.665

84, 43.668, 79.667

100, 1.489,
199.756

82, 53.136, 78.184

79, 62.323, 76.605

77, 70.665, 74.841

74, 77.252, 72.714

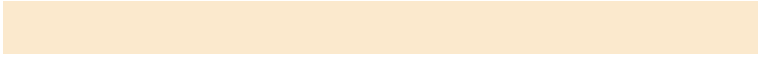
72, 81.190, 69.994

72, 81.731, 69.526

Harmonies

Complementary

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



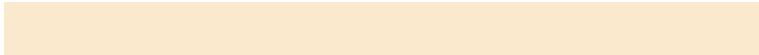
93, 15.909, 83.815



88, 15.634, 268.896

Rectangle

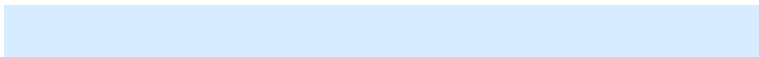
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93, 15.909, 83.815



93, 15.909, 133.815



93, 15.909, 263.815



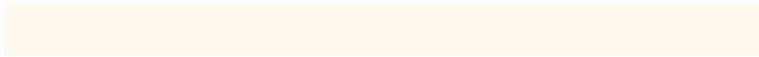
93, 15.909, 313.815

Sweetspot

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



93, 15.910, 83.825



98, 5.175, 85.393



87, 19.305, 351.165



52, 3.437, 85.316



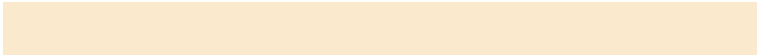
0, 0.000, 0.000



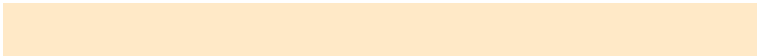
53, 0.007, 296.813

Same Dimension

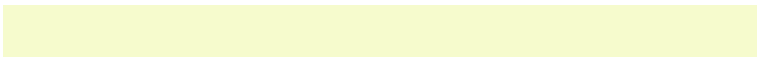
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 15.910, 83.825



93, 19.453, 83.336



97, 23.375, 112.601



51, 4.851, 84.968



55, 65.956, 70.158



17, 26.299, 72.723

Inverse Universe

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



88, 15.634, 268.896



87, 19.036, 269.525



84, 24.377, 295.821



49, 4.817, 267.538



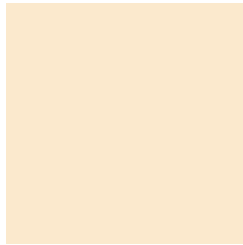
35, 70.901, 293.088



9, 27.809, 287.135

Previews

White Background



This preview shows how the CIE LCh color 93, 15.909, 83.815 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, 15.909, 83.815 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

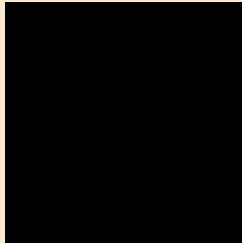
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 93, 15.909, 83.815

Background



This preview shows how black text looks on a background with the CIELCh color 93, 15.909, 83.815.

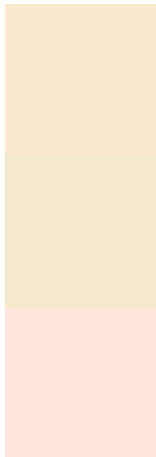


This preview shows how white text looks on a background with the CIELCh color 93, 15.909, 83.815.

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, 15.909, 83.815

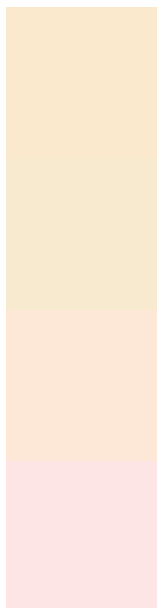
Protanopia
93, 15.062, 91.661

Deuteranopia
93, 10.834, 51.248



Tritanopia
93, 13.289, 339.105

Trichromacy



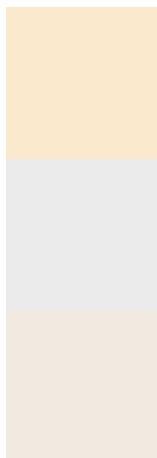
Original Color
93, 15.909, 83.815

Protanomaly
93, 15.306, 88.960

Deuteranomaly
93, 11.980, 66.408

Tritanomaly
93, 8.713, 16.570

Monochromacy



Original Color
93, 15.909, 83.815

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 5.715, 83.378

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 15.909, 83.815 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(251, 233, 205)` looks like.

```
.text, #text, p{  
    color:rgb(251, 233, 205)  
}
```

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(251, 233, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 233, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 15.909, 83.815 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(251, 233, 205) }
```

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

```
.border{ border-color:rgb(251, 233, 205) }
```

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

Here you see how a box with a 4 pixel rgb(251, 233, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 233, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 233, 205);  
box-shadow:4px 4px 4px 4px rgb(251, 233,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 15.909, 83.815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 233, 205) }
```

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

```
.background{ background-color: rgb(251,  
233, 205) }
```

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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