

Converting Colors

CIELCh(93, 17.511, 84.976)

Have a look what the booklet for
CIELCh(93, 17.511, 84.976) contains.

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Color

CIELCh(93, 17.328, 85.772)

Conversions

Conversions Part 1

Format	Color
Hex	FBE9CA
RGB	251, 233, 202
RGB Percent	98%, 91%, 79%
CMY	0.0161, 0.0867, 0.2082
CMYK	0.00, 0.07, 0.20, 0.02
HSL	38°, 86%, 89%
HSV	38°, 20%, 98%
XYZ	79.5027, 82.9670, 67.6379
YIQ	234.8480, 20.6790, -5.8250

Conversions

Conversions Part 2

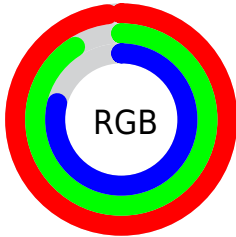
Format	Color
R _Y B	230, 251, 202
Decimal	16509386
CIE Lab	93.00, 1.28, 17.28
CIE LCh	93, 17.328, 85.772
Yxy	82.9670, 0.3455, 0.3606
Android (android.graphics.Color)	4294699466 (0xFFFBE9CA)
YUV	234.8480, -16.1941, 14.1653
Hunter-Lab	91.0862, -3.6010, 19.7334

Details

The CIELCh color **93, 17.328, 85.772** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **87, 17.113, 271.171**, 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, 17.128, 85.070** is the 20% darker color. If you saturate the color by 10%, you get **90, 26.541, 84.434**, and if you desaturate by 10%, it is **96, 8.341, 87.073**.

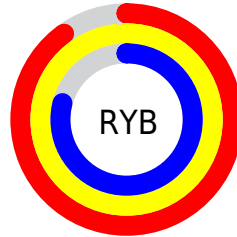
Distribution



Red (98%)

Green (91%)

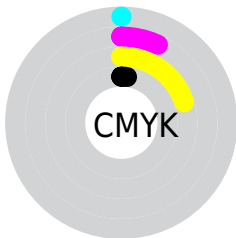
Blue (79%)



Red (90%)

Yellow (98%)

Blue (79%)

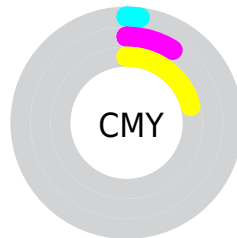


Cyan (0%)

Magenta (7%)

Yellow (20%)

Black (2%)



Cyan (2%)

Magenta (9%)

Yellow (21%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 17.328, 85.772 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, 17.328, 85.772 by changing the saturation by 10% instead.

 93, 17.328, 85.772

 93, 17.328, 85.772

 100, 17.328,
85.772

 83, 17.328, 85.772

 73, 17.328, 85.772

 63, 17.328, 85.772

 53, 17.328, 85.772

 43, 17.328, 85.772

 33, 17.328, 85.772

 23, 17.328, 85.772

 13, 17.328, 85.772

 3, 17.328, 85.772

93, 17.328, 85.772

93, 17.328, 85.772

90, 26.541, 84.434

96, 8.341, 87.073

88, 35.946, 83.044

99, 0.419, 269.129

85, 45.460, 81.611

100, 1.426,
199.779

82, 54.910, 80.118

80, 63.949, 78.527

78, 71.960, 76.745

75, 78.006, 74.602

73, 81.413, 71.925

73, 81.555, 71.796

Harmonies

Complementary

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



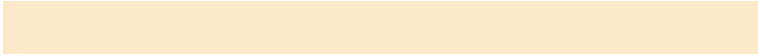
93, 17.328, 85.772



87, 17.113, 271.171

Rectangle

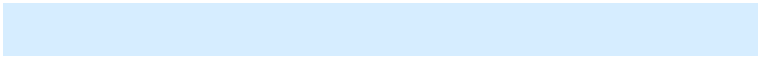
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93, 17.328, 85.772



93, 17.328, 135.772



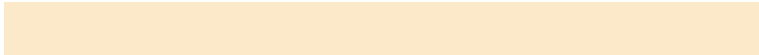
93, 17.328, 265.772



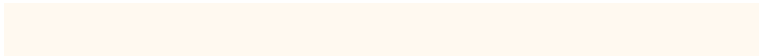
93, 17.328, 315.772

Sweetspot

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



93, 17.329, 85.781



98, 5.294, 87.503



86, 20.408, 352.357



52, 3.515, 87.425



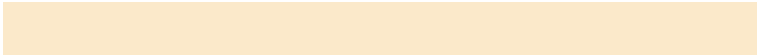
0, 0.000, 0.000



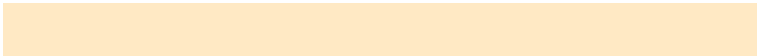
53, 0.007, 296.813

Same Dimension

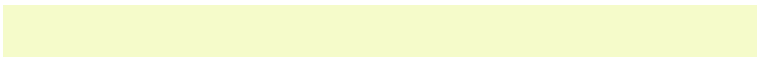
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 17.329, 85.781



93, 20.776, 85.316



97, 24.916, 113.200



51, 4.960, 87.078



56, 65.813, 72.398



18, 26.535, 75.098

Inverse Universe

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



87, 17.113, 271.171



87, 20.463, 271.774



83, 26.050, 296.543



49, 4.940, 269.626



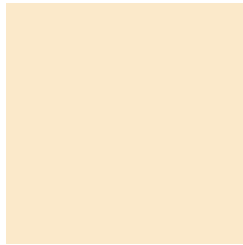
34, 73.897, 294.651



8, 28.954, 288.915

Previews

White Background



This preview shows how the CIE LCh color 93, 17.328, 85.772 looks on a white background.

Color Contrast Check

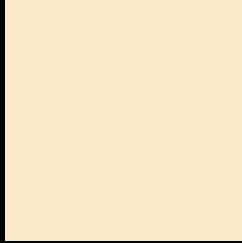
Large Text (above 18pt) WCAG AA × Fail

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 93, 17.328, 85.772 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

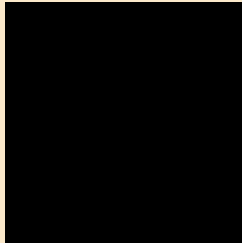
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 93, 17.328, 85.772

Background



This preview shows how black text looks on a background with the CIELCh color 93, 17.328, 85.772.

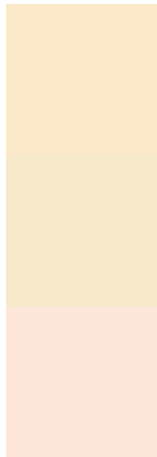


This preview shows how white text looks on a background with the CIELCh color 93, 17.328, 85.772.

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, 17.328, 85.772

Protanopia

93, 16.652, 91.806

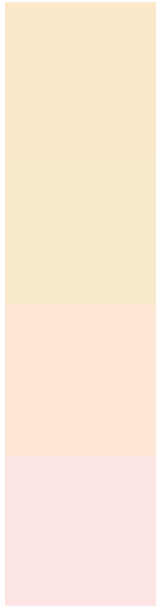
Deuteranopia

93, 11.126, 53.440



Tritanopia
93, 13.289, 339.105

Trichromacy



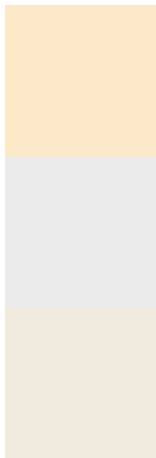
Original Color
93, 17.328, 85.772

Protanomaly
93, 16.768, 90.567

Deuteranomaly
93, 13.020, 68.141

Tritanomaly
93, 9.079, 19.970

Monochromacy



Original Color
93, 17.328, 85.772

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 6.182, 85.425

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 17.328, 85.772 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, 202)` looks like.

```
.text, #text, p{  
    color:rgb(251, 233, 202)  
}
```

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, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 233, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 17.328, 85.772 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, 202) }
```

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

```
.border{ border-color:rgb(251, 233, 202) }
```

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, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 233, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 233, 202);  
box-shadow:4px 4px 4px 4px rgb(251, 233,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 17.328, 85.772 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, 202) }
```

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

```
.background{ background-color: rgb(251,  
233, 202) }
```

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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