

Converting Colors

CIE LCh(93, 32.333, 93.341)

Have a look what the booklet for
CIELCh(93, 32.333, 93.341) contains.

CIELCh(93, 32.198, 93.507)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(93, 32.198, 93.507)

Conversions

Conversions Part 1

Format	Color
Hex	FEEAAD
RGB	254, 234, 173
RGB Percent	100%, 92%, 68%
CMY	0.0038, 0.0822, 0.3214
CMYK	0.00, 0.08, 0.32, 0.00
HSL	45°, 98%, 84%
HSV	45°, 32%, 100%
XYZ	77.8701, 82.9670, 51.4656
YIQ	233.0260, 31.5010, -14.7310

Conversions

Conversions Part 2

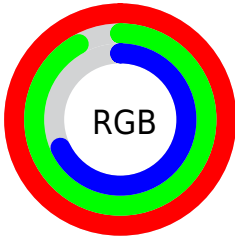
Format	Color
R _Y B	200, 254, 173
Decimal	16706221
CIE Lab	93.00, -1.97, 32.14
CIE LCh	93, 32.198, 93.507
Yxy	82.9670, 0.3668, 0.3908
Android (android.graphics.Color)	4294896301 (0xFFFEAAAD)
YUV	233.0260, -29.5928, 18.3942
Hunter-Lab	91.0862, -6.8004, 30.2603

Details

The CIELCh color **93, 32.198, 93.507** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **79, 32.994, 282.242**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 13.158, 109.183**, and **73, 32.053, 93.393** is the 20% darker color. If you saturate the color by 10%, you get **91, 42.379, 92.210**, and if you desaturate by 10%, it is **95, 22.005, 94.781**.

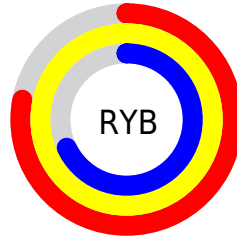
Distribution



Red (100%)

Green (92%)

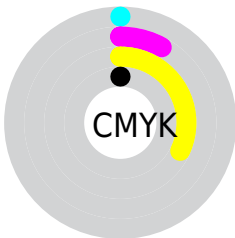
Blue (68%)



Red (78%)

Yellow (100%)

Blue (68%)

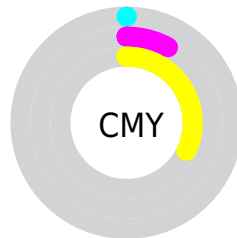


Cyan (0%)

Magenta (8%)

Yellow (32%)

Black (0%)



Cyan (0%)

Magenta (8%)

Yellow (32%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 32.198, 93.507 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, 32.198, 93.507 by changing the saturation by 10% instead.

 93, 32.198, 93.507

 93, 32.198, 93.507

 100, 32.198,
93.507

 83, 32.198, 93.507

 73, 32.198, 93.507

 63, 32.198, 93.507

 53, 32.198, 93.507

 43, 32.198, 93.507

 33, 32.198, 93.507

 23, 32.198, 93.507

 13, 32.198, 93.507

 3, 32.198, 93.507

93, 32.198, 93.507

93, 32.198, 93.507

91, 42.379, 92.210

95, 22.005, 94.781

89, 52.386, 90.878

97, 11.879, 96.009

87, 61.940, 89.512

99, 1.863, 97.103

86, 70.563, 88.091

100, 0.332,
201.379

84, 77.522, 86.566

82, 81.942, 84.847

81, 83.552, 83.261

Harmonies

Complementary

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



93, 32.198, 93.507



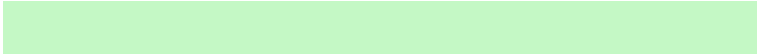
79, 32.994, 282.242

Rectangle

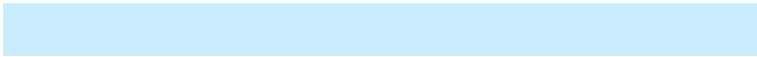
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93, 32.198, 93.507



93, 32.198, 143.507



93, 32.198, 273.507



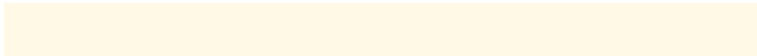
93, 32.198, 323.507

Sweetspot

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



93, 32.199, 93.512



98, 10.012, 96.233



79, 32.413, 3.203



52, 6.838, 96.066



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

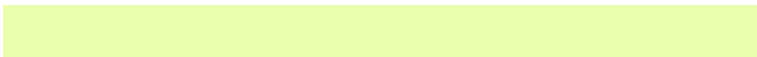
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 32.199, 93.512



92, 38.551, 92.719



97, 41.425, 117.884



52, 5.690, 96.292



63, 67.579, 83.648



21, 29.510, 86.081

Inverse Universe

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



79, 32.994, 282.242



75, 39.777, 283.469



75, 44.400, 302.365



50, 5.736, 278.654



29, 89.406, 300.806



7, 35.789, 296.011

Previews

White Background



This preview shows how the CIE LCh color 93, 32.198, 93.507 looks on a white background.

Color Contrast Check

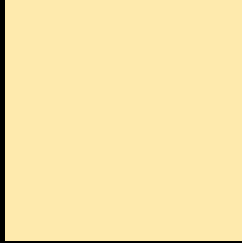
Large Text (above 18pt) WCAG AA × Fail

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, 32.198, 93.507 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

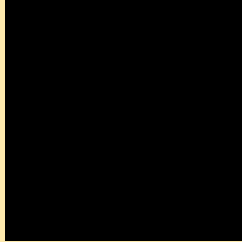
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 93, 32.198, 93.507

Background



This preview shows how black text looks on a background with the CIELCh color 93, 32.198, 93.507.



This preview shows how white text looks on a background with the CIELCh color 93, 32.198, 93.507.

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, 32.198, 93.507

Protanopia

93, 32.385, 95.718

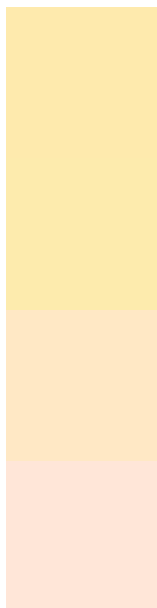
Deuteranopia

93, 13.670, 68.300



Tritanopia
93, 11.481, 347.659

Trichromacy



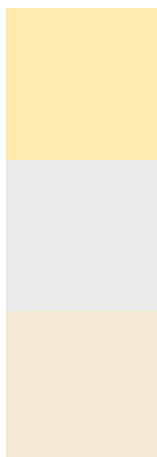
Original Color
93, 32.198, 93.507

Protanomaly
93, 32.473, 95.036

Deuteranomaly
93, 20.047, 82.748

Tritanomaly
93, 11.756, 57.476

Monochromacy



Original Color
93, 32.198, 93.507

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 11.687, 94.575

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 32.198, 93.507 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, 234, 173)` looks like.

```
.text, #text, p{  
    color:rgb(254, 234, 173)  
}
```

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, 234, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 234, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 32.198, 93.507 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, 234, 173) }
```

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

```
.border{ border-color:rgb(254, 234, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 234, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 234, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 234, 173);  
box-shadow:4px 4px 4px 4px rgb(254, 234,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 32.198, 93.507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 234, 173) }
```

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

```
.background{ background-color: rgb(254,  
234, 173) }
```

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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