

Converting Colors

CIELCh(93, 30.095, 92.285)

Have a look what the booklet for
CIELCh(93, 30.095, 92.285) contains.

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Color

CIELCh(93, 30.231, 92.806)

Conversions

Conversions Part 1

Format	Color
Hex	FEEAB1
RGB	254, 234, 177
RGB Percent	100%, 92%, 69%
CMY	0.0045, 0.0829, 0.3065
CMYK	0.00, 0.08, 0.30, 0.00
HSL	44°, 97%, 84%
HSV	44°, 30%, 100%
XYZ	78.1148, 82.9670, 53.4152
YIQ	233.4820, 30.2170, -13.4870

Conversions

Conversions Part 2

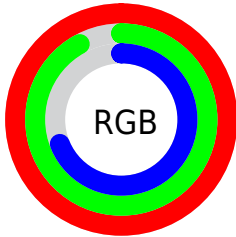
Format	Color
R _Y B	204, 254, 177
Decimal	16706225
CIE Lab	93.00, -1.48, 30.19
CIE LCh	93, 30.231, 92.806
Yxy	82.9670, 0.3642, 0.3868
Android (android.graphics.Color)	4294896305 (0xFFFEAB1)
YUV	233.4820, -27.8456, 17.9943
Hunter-Lab	91.0862, -6.3208, 28.9913

Details

The CIELCh color **93, 30.231, 92.806** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **80, 30.810, 281.126**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 11.136, 109.335**, and **73, 30.004, 92.735** is the 20% darker color. If you saturate the color by 10%, you get **91, 40.330, 91.499**, and if you desaturate by 10%, it is **95, 20.155, 94.088**.

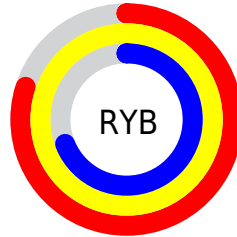
Distribution



Red (100%)

Green (92%)

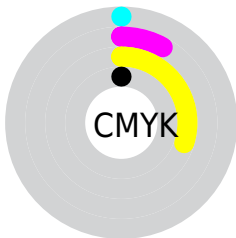
Blue (69%)



Red (80%)

Yellow (100%)

Blue (69%)

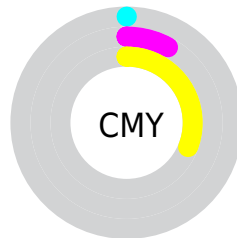


Cyan (0%)

Magenta (8%)

Yellow (30%)

Black (0%)



Cyan (0%)

Magenta (8%)

Yellow (31%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 30.231, 92.806 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, 30.231, 92.806 by changing the saturation by 10% instead.

 93, 30.231, 92.806

 93, 30.231, 92.806

 100, 30.231,
92.806

 83, 30.231, 92.806

 73, 30.231, 92.806

 63, 30.231, 92.806

 53, 30.231, 92.806

 43, 30.231, 92.806

 33, 30.231, 92.806

 23, 30.231, 92.806

 13, 30.231, 92.806

 3, 30.231, 92.806

93, 30.231, 92.806

93, 30.231, 92.806

91, 40.330, 91.499

95, 20.155, 94.088

89, 50.312, 90.154

97, 10.170, 95.319

87, 59.928, 88.770

100, 0.311, 95.800

85, 68.741, 87.329

100, 0.403,
201.026

83, 76.063, 85.781

82, 81.007, 84.031

80, 83.187, 82.064

Harmonies

Complementary

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



93, 30.231, 92.806



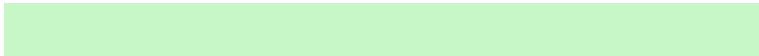
80, 30.810, 281.126

Rectangle

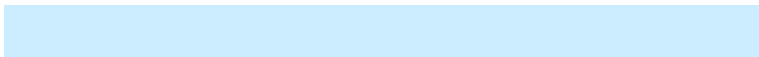
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93, 30.231, 92.806



93, 30.231, 142.806



93, 30.231, 272.806



93, 30.231, 322.806

Sweetspot

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



93, 30.232, 92.811



98, 8.885, 95.477



80, 30.889, 1.755



52, 6.181, 95.304



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

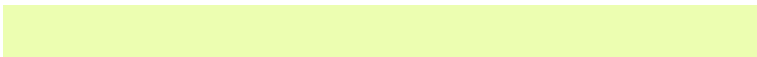
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 30.232, 92.811



92, 36.097, 92.070



97, 39.324, 117.291



52, 5.615, 95.417



62, 67.317, 82.475



21, 29.270, 84.991

Inverse Universe

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



80, 30.810, 281.126



76, 36.978, 282.243



76, 42.034, 301.663



50, 5.654, 277.803



29, 87.935, 300.280



7, 35.234, 295.490

Previews

White Background



This preview shows how the CIELCh color 93, 30.231, 92.806 looks on a white background.

Color Contrast Check

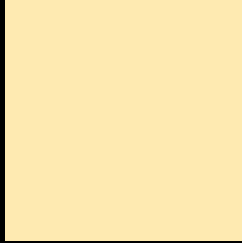
Large Text (above 18pt) WCAG AA × Fail

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, 30.231, 92.806 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

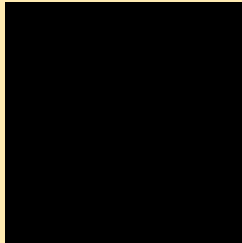
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 93, 30.231, 92.806

Background



This preview shows how black text looks on a background with the CIELCh color 93, 30.231, 92.806.

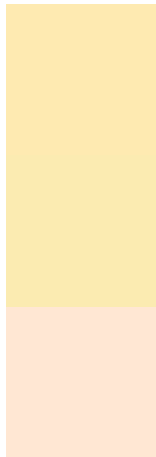


This preview shows how white text looks on a background with the CIELCh color 93, 30.231, 92.806.

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, 30.231, 92.806

Protanopia

93, 30.318, 95.884

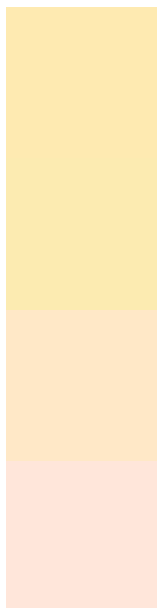
Deuteranopia

93, 13.670, 68.300



Tritanopia
93, 11.758, 345.534

Trichromacy



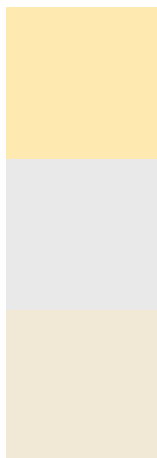
Original Color
93, 30.231, 92.806

Protanomaly
93, 30.406, 95.159

Deuteranomaly
93, 19.117, 81.550

Tritanomaly
93, 11.126, 53.440

Monochromacy



Original Color
93, 30.231, 92.806

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 10.691, 93.307

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 30.231, 92.806 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, 177)` looks like.

```
.text, #text, p{  
    color:rgb(254, 234, 177)  
}
```

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, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 234, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 30.231, 92.806 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, 177) }
```

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

```
.border{ border-color:rgb(254, 234, 177) }
```

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, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 234, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 234, 177);  
box-shadow:4px 4px 4px 4px rgb(254, 234,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 30.231, 92.806 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, 177) }
```

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

```
.background{ background-color: rgb(254,  
234, 177) }
```

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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