

Converting Colors

CIELCh(93, 31.797, 94.542)

Have a look what the booklet for
CIELCh(93, 31.797, 94.542) contains.

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Color

CIELCh(93, 31.606, 94.036)

Conversions

Conversions Part 1

Format	Color
Hex	FDEAAE
RGB	253, 234, 174
RGB Percent	99%, 92%, 68%
CMY	0.0069, 0.0814, 0.3168
CMYK	0.00, 0.08, 0.31, 0.01
HSL	46°, 96%, 84%
HSV	46°, 31%, 99%
XYZ	77.7428, 82.9670, 52.0725
YIQ	232.8410, 30.5840, -14.6320

Conversions

Conversions Part 2

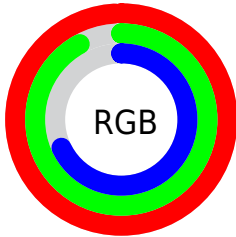
Format	Color
R _Y B	199, 253, 174
Decimal	16640686
CIE Lab	93.00, -2.22, 31.53
CIE LCh	93, 31.606, 94.036
Yxy	82.9670, 0.3654, 0.3899
Android (android.graphics.Color)	4294830766 (0xFFFDEAAE)
YUV	232.8410, -29.0086, 17.6794
Hunter-Lab	91.0862, -7.0497, 29.8652

Details

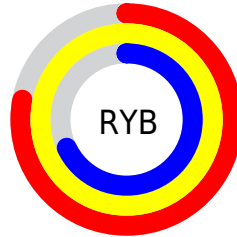
The CIELCh color **93, 31.606, 94.036** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **79, 32.428, 282.512**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 12.652, 109.221**, and **73, 31.435, 93.988** is the 20% darker color. If you saturate the color by 10%, you get **91, 41.808, 92.750**, and if you desaturate by 10%, it is **95, 21.390, 95.300**.

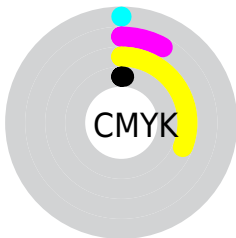
Distribution



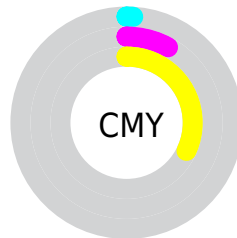
- Red (99%)
- Green (92%)
- Blue (68%)



- Red (78%)
- Yellow (99%)
- Blue (68%)



- Cyan (0%)
- Magenta (8%)
- Yellow (31%)
- Black (1%)



- Cyan (1%)
- Magenta (8%)
- Yellow (32%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 31.606, 94.036 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, 31.606, 94.036 by changing the saturation by 10% instead.

 93, 31.606, 94.036

 93, 31.606, 94.036

 100, 31.606,
94.036

 83, 31.606, 94.036

 73, 31.606, 94.036

 63, 31.606, 94.036

 53, 31.606, 94.036

 43, 31.606, 94.036

 33, 31.606, 94.036

 23, 31.606, 94.036

 13, 31.606, 94.036

 3, 31.606, 94.036

93, 31.606, 94.036

93, 31.606, 94.036

91, 41.808, 92.750

95, 21.390, 95.300

89, 51.838, 91.430

97, 11.236, 96.518

87, 61.426, 90.079

99, 1.189, 97.542

86, 70.106, 88.679

100, 0.613,
200.447

84, 77.167, 87.189

83, 81.740, 85.523

81, 83.524, 83.856

Harmonies

Complementary

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



93, 31.606, 94.036



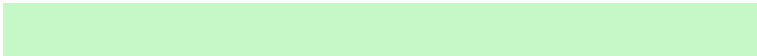
79, 32.428, 282.512

Rectangle

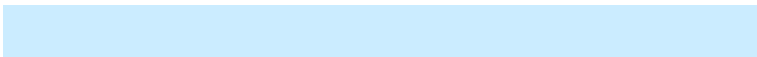
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93, 31.606, 94.036



93, 31.606, 144.036



93, 31.606, 274.036



93, 31.606, 324.036

Sweetspot

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



93, 31.607, 94.041



98, 9.064, 96.778



79, 31.603, 3.100



52, 6.305, 96.606



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

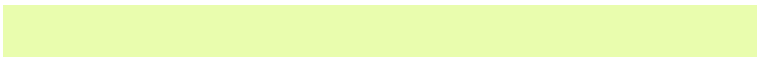
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 31.607, 94.041



92, 37.743, 93.294



96, 40.453, 117.927



52, 5.728, 96.719



63, 67.722, 84.228



21, 29.634, 86.616

Inverse Universe

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



79, 32.428, 282.512



75, 38.988, 283.656



75, 43.285, 302.301



50, 5.777, 279.069



29, 90.125, 301.058



6, 36.057, 296.256

Previews

White Background



This preview shows how the CIELCh color 93, 31.606, 94.036 looks on a white background.

Color Contrast Check

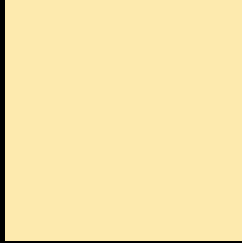
Large Text (above 18pt) WCAG AA × Fail

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, 31.606, 94.036 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

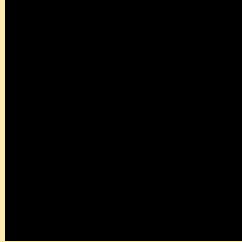
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 93, 31.606, 94.036

Background



This preview shows how black text looks on a background with the CIELCh color 93, 31.606, 94.036.

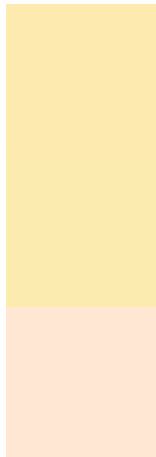


This preview shows how white text looks on a background with the CIELCh color 93, 31.606, 94.036.

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, 31.606, 94.036

Protanopia

93, 31.890, 95.587

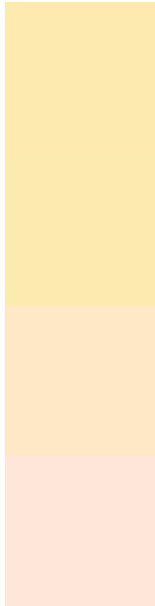
Deuteranopia

93, 13.670, 68.300



Tritanopia
93, 11.758, 345.534

Trichromacy



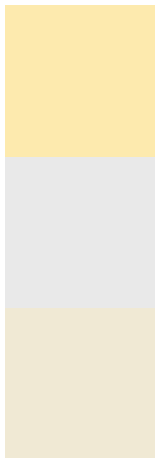
Original Color
93, 31.606, 94.036

Protanomaly
93, 31.890, 95.587

Deuteranomaly
93, 19.407, 83.178

Tritanomaly
93, 11.129, 56.635

Monochromacy



Original Color
93, 31.606, 94.036

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 11.097, 95.825

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 31.606, 94.036 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(253, 234, 174)` looks like.

```
.text, #text, p{  
    color:rgb(253, 234, 174)  
}
```

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(253, 234, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 234, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 31.606, 94.036 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(253, 234, 174) }
```

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

```
.border{ border-color:rgb(253, 234, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 234, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 234, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 234, 174);  
box-shadow:4px 4px 4px 4px rgb(253, 234,  
174) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 31.606, 94.036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 234, 174) }
```

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

```
.background{ background-color: rgb(253,  
234, 174) }
```

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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