

Converting Colors

CIELCh(93, 30.449, 94.682)

Have a look what the booklet for
CIELCh(93, 30.449, 94.682) contains.

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Color

CIELCh(93, 30.028, 94.258)

Conversions

Conversions Part 1

Format	Color
Hex	FCEAB1
RGB	252, 234, 177
RGB Percent	99%, 92%, 69%
CMY	0.0105, 0.0811, 0.3047
CMYK	0.00, 0.07, 0.30, 0.01
HSL	46°, 93%, 84%
HSV	46°, 30%, 99%
XYZ	77.7404, 82.9670, 53.6692
YIQ	232.8840, 29.0250, -13.9110

Conversions

Conversions Part 2

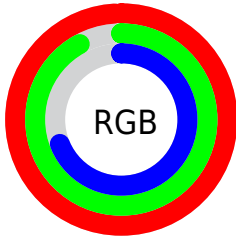
Format	Color
RYB	201, 252, 177
Decimal	16575153
CIELab	93.00, -2.23, 29.95
CIELCh	93, 30.028, 94.258
Yxy	82.9670, 0.3626, 0.3870
Android (android.graphics.Color)	4294765233 (0xFFFCEAB1)
YUV	232.8840, -27.5508, 16.7647
Hunter-Lab	91.0862, -7.0546, 28.8259

Details

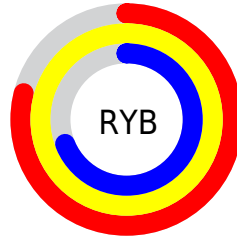
The CIELCh color **93, 30.028, 94.258** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **79, 30.766, 282.269**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 11.136, 109.335**, and **73, 29.894, 93.516** is the 20% darker color. If you saturate the color by 10%, you get **91, 40.214, 92.977**, and if you desaturate by 10%, it is **95, 19.843, 95.516**.

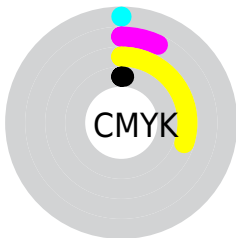
Distribution



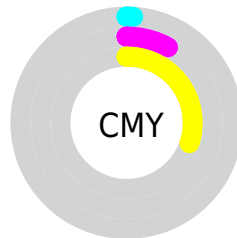
- Red (99%)
- Green (92%)
- Blue (69%)



- Red (79%)
- Yellow (99%)
- Blue (69%)



- Cyan (0%)
- Magenta (7%)
- Yellow (30%)
- Black (1%)



- Cyan (1%)
- Magenta (8%)
- Yellow (30%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 30.028, 94.258 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, 30.028, 94.258 by changing the saturation by 10% instead.

 93, 30.028, 94.258

 93, 30.028, 94.258

 100, 30.028,
94.258

 83, 30.028, 94.258

 73, 30.028, 94.258

 63, 30.028, 94.258

 53, 30.028, 94.258

 43, 30.028, 94.258

 33, 30.028, 94.258

 23, 30.028, 94.258

 13, 30.028, 94.258

 3, 30.028, 94.258

93, 30.028, 94.258

93, 30.028, 94.258

91, 40.214, 92.977

95, 19.843, 95.516

89, 50.256, 91.663

97, 9.728, 96.726

87, 59.906, 90.318

99, 0.278, 278.701

86, 68.733, 88.929

100, 0.930,
200.059

84, 76.065, 87.458

82, 81.042, 85.828

81, 83.265, 83.958

81, 83.312, 83.907

Harmonies

Complementary

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



93, 30.028, 94.258



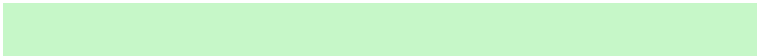
79, 30.766, 282.269

Rectangle

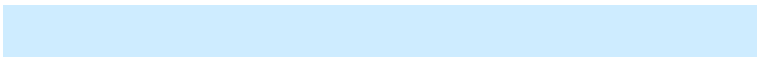
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93, 30.028, 94.258



93, 30.028, 144.258



93, 30.028, 274.258



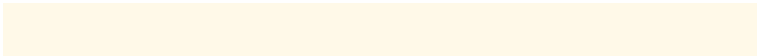
93, 30.028, 324.258

Sweetspot

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



93, 30.029, 94.263



98, 9.069, 96.811



80, 29.951, 2.881



52, 6.308, 96.640



0, 0.000, 0.000



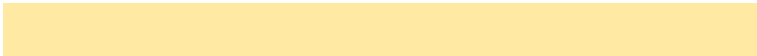
53, 0.007, 296.813

Same Dimension

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



93, 30.029, 94.263



93, 36.733, 93.458



96, 38.472, 118.020



51, 5.637, 96.754



62, 67.064, 84.293



20, 28.503, 86.763

Inverse Universe

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



79, 30.766, 282.269



76, 37.904, 283.482



76, 41.015, 302.165



49, 5.685, 279.098



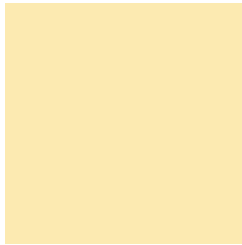
28, 89.206, 301.050



6, 34.593, 295.601

Previews

White Background



This preview shows how the CIE LCh color 93, 30.028, 94.258 looks on a white background.

Color Contrast Check

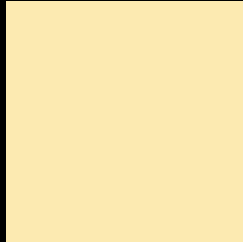
Large Text (above 18pt) WCAG AA × Fail

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, 30.028, 94.258 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

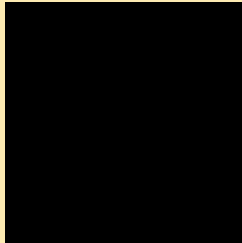
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 93, 30.028, 94.258

Background



This preview shows how black text looks on a background with the CIELCh color 93, 30.028, 94.258.



This preview shows how white text looks on a background with the CIELCh color 93, 30.028, 94.258.

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, 30.028, 94.258

Protanopia

93, 30.318, 95.884

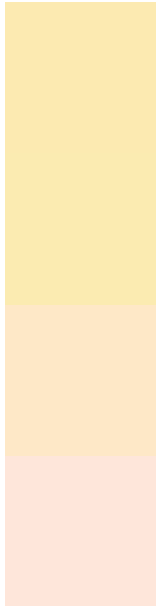
Deuteranopia

93, 13.670, 68.300



Tritanopia
93, 11.758, 345.534

Trichromacy



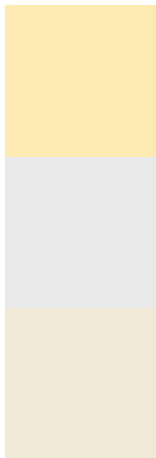
Original Color
93, 30.028, 94.258

Protanomaly
93, 30.318, 95.884

Deuteranomaly
93, 18.940, 82.581

Tritanomaly
93, 10.813, 54.530

Monochromacy



Original Color
93, 30.028, 94.258

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 10.596, 95.239

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 30.028, 94.258 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(252, 234, 177)` looks like.

```
.text, #text, p{  
    color:rgb(252, 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(252, 234, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 234, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 30.028, 94.258 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(252, 234, 177) }
```

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

```
.border{ border-color:rgb(252, 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(252, 234, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 234, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 234, 177);  
box-shadow:4px 4px 4px 4px rgb(252, 234,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 30.028, 94.258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 234, 177) }
```

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

```
.background{ background-color: rgb(252,  
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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