

Converting Colors

CIELCh(98, 40.848, 67.365)

Have a look what the booklet for
CIELCh(98, 40.848, 67.365) contains.

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Color

CIELCh(94, 31.064, 93.903)

Conversions

Conversions Part 1

Format	Color
Hex	FFEDB2
RGB	255, 237, 178
RGB Percent	100%, 93%, 70%
CMY	0.0000, 0.0704, 0.3020
CMYK	0.00, 0.07, 0.30, 0.00
HSL	46°, 100%, 85%
HSV	46°, 30%, 100%
XYZ	79.9685, 85.2715, 54.3624
YIQ	235.6560, 29.6670, -14.5330

Conversions

Conversions Part 2

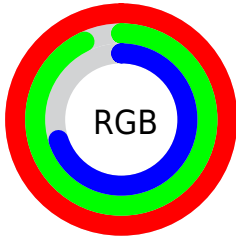
Format	Color
RYB	201, 255, 178
Decimal	16772530
CIELab	94.00, -2.11, 30.99
CIELCh	94, 31.064, 93.903
Yxy	85.2715, 0.3642, 0.3883
Android (android.graphics.Color)	4294962610 (0xFFFFEDB2)
YUV	235.6560, -28.4244, 16.9647
Hunter-Lab	92.3426, -7.0188, 29.7356

Details

The CIELCh color **94, 31.064, 93.903** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **80, 31.800, 282.780**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 10.630, 109.373**, and **74, 30.731, 94.667** is the 20% darker color. If you saturate the color by 10%, you get **92, 41.279, 93.388**, and if you desaturate by 10%, it is **96, 20.628, 95.916**.

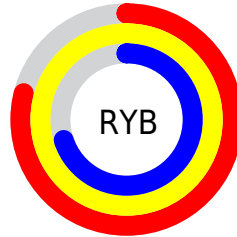
Distribution



Red (100%)

Green (93%)

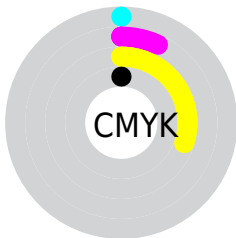
Blue (70%)



Red (79%)

Yellow (100%)

Blue (70%)

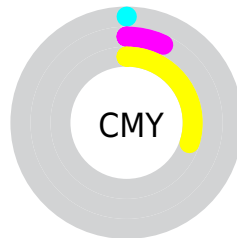


Cyan (0%)

Magenta (7%)

Yellow (30%)

Black (0%)



Cyan (0%)

Magenta (7%)

Yellow (30%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 31.064, 93.903 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 94, 31.064, 93.903 by changing the saturation by 10% instead.

 94, 31.064, 93.903

 94, 31.064, 93.903

 100, 31.064,
93.903

 84, 31.064, 93.903

 74, 31.064, 93.903

 64, 31.064, 93.903

 54, 31.064, 93.903

 44, 31.064, 93.903

 34, 31.064, 93.903

 24, 31.064, 93.903

 14, 31.064, 93.903

 4, 31.064, 93.903

94, 31.064, 93.903

94, 31.064, 93.903

92, 41.279, 93.388

96, 20.628, 95.916

90, 51.430, 92.082

98, 10.356, 97.122

88, 61.151, 90.748

100, 0.187, 97.187

87, 69.995, 89.373

100, 0.012,
296.813

85, 77.268, 87.921

84, 82.107, 86.317

82, 84.175, 84.526

Harmonies

Complementary

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



94, 31.064, 93.903



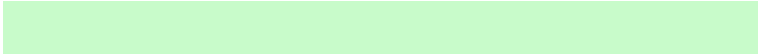
80, 31.800, 282.780

Rectangle

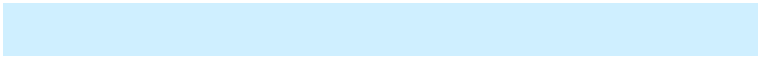
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 31.064, 93.903



94, 31.064, 143.903



94, 31.064, 273.903



94, 31.064, 323.903

Sweetspot

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



94, 30.962, 94.668



98, 9.134, 97.262



80, 30.564, 4.180



52, 6.353, 97.091



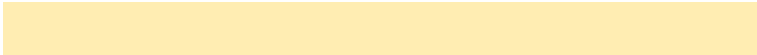
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

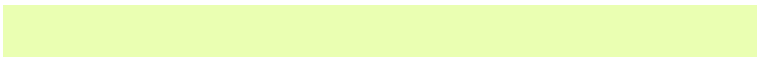
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 30.962, 94.668



93, 36.959, 93.929



97, 39.498, 118.675



52, 5.772, 97.203



63, 67.896, 84.892



21, 29.778, 87.226

Inverse Universe

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



80, 31.800, 282.780



76, 38.230, 283.900



77, 42.107, 302.767



50, 5.825, 279.539



28, 90.942, 301.340



6, 36.361, 296.526

Previews

White Background



This preview shows how the CIE LCh color 94, 31.064, 93.903 looks on a white background.

Color Contrast Check

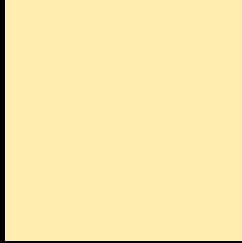
Large Text (above 18pt) WCAG AA × Fail

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 94, 31.064, 93.903 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

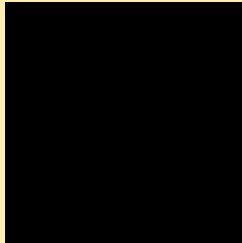
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 31.064, 93.903

Background



This preview shows how black text looks on a background with the CIELCh color 94, 31.064, 93.903.



This preview shows how white text looks on a background with the CIELCh color 94, 31.064, 93.903.

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


94, 30.944, 94.625

Protanopia

94, 30.853, 95.336

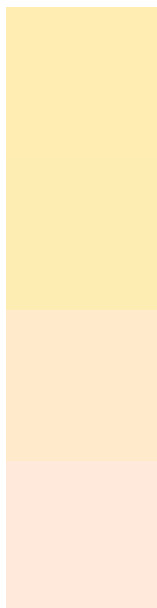
Deuteranopia

94, 11.692, 67.763



Tritanopia
94, 10.565, 344.400

Trichromacy



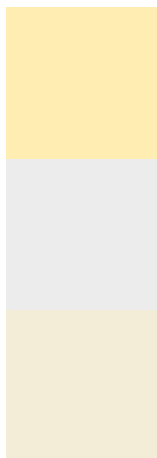
Original Color
94, 30.944, 94.625

Protanomaly
94, 30.853, 95.336

Deuteranomaly
94, 18.087, 84.138

Tritanomaly
94, 10.850, 61.102

Monochromacy



Original Color
94, 30.944, 94.625

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 11.070, 95.841

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 31.064, 93.903 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(255, 237, 178)` looks like.

```
.text, #text, p{  
    color:rgb(255, 237, 178)  
}
```

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(255, 237, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 237, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 31.064, 93.903 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(255, 237, 178) }
```

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

```
.border{ border-color:rgb(255, 237, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 237, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 237, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 237, 178);  
box-shadow:4px 4px 4px 4px rgb(255, 237,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 31.064, 93.903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 237, 178) }
```

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

```
.background{ background-color: rgb(255,  
237, 178) }
```

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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