

Converting Colors

CIELCh(94, 28.840, 92.484)

Have a look what the booklet for
CIELCh(94, 28.840, 92.484) contains.

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Color

CIELCh(94, 28.971, 93.947)

Conversions

Conversions Part 1

Format	Color
Hex	FFEDB6
RGB	255, 237, 182
RGB Percent	100%, 93%, 71%
CMY	0.0000, 0.0702, 0.2860
CMYK	0.00, 0.07, 0.29, 0.00
HSL	45°, 100%, 86%
HSV	45°, 29%, 100%
XYZ	80.0297, 85.2715, 56.5388
YIQ	236.1120, 28.3830, -13.2890

Conversions

Conversions Part 2

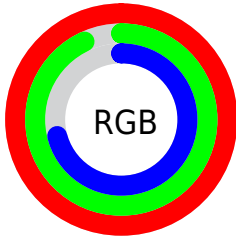
Format	Color
R_{YB}	206, 255, 182
Decimal	16772534
CIE _{Lab}	94.00, -1.99, 28.90
CIE _{LCh}	94, 28.971, 93.947
Yxy	85.2715, 0.3608, 0.3844
Android (android.graphics.Color)	4294962614 (0xFFFFEDB6)
YUV	236.1120, -26.6772, 16.5648
Hunter-Lab	92.3426, -6.9006, 28.3382

Details

The CIELCh color **94, 28.971, 93.947** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **81, 29.594, 281.708**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 8.605, 109.524**, and **74, 28.674, 94.037** is the 20% darker color. If you saturate the color by 10%, you get **92, 39.201, 92.725**, and if you desaturate by 10%, it is **96, 18.744, 95.271**.

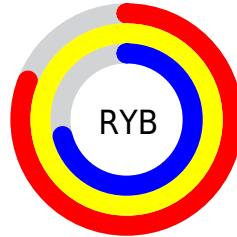
Distribution



Red (100%)

Green (93%)

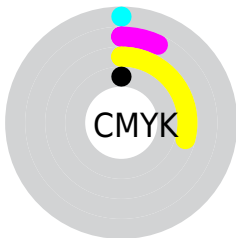
Blue (71%)



Red (81%)

Yellow (100%)

Blue (71%)

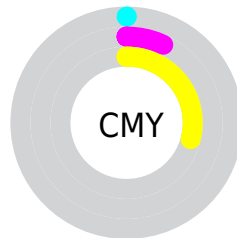


Cyan (0%)

Magenta (7%)

Yellow (29%)

Black (0%)



Cyan (0%)

Magenta (7%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 28.971, 93.947 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, 28.971, 93.947 by changing the saturation by 10% instead.

 94, 28.971, 93.947

 94, 28.971, 93.947

 100, 28.971,
93.947

 84, 28.971, 93.947

 74, 28.971, 93.947

 64, 28.971, 93.947

 54, 28.971, 93.947

 44, 28.971, 93.947

 34, 28.971, 93.947

 24, 28.971, 93.947

 14, 28.971, 93.947

 4, 28.971, 93.947

94, 28.971, 93.947

94, 28.971, 93.947

92, 39.201, 92.725

96, 18.744, 95.271

90, 49.325, 91.404

98, 8.609, 96.479

88, 59.103, 90.052

100, 0.012,
296.813

86, 68.126, 88.655

85, 75.744, 87.176

83, 81.094, 85.539

82, 83.577, 83.643

81, 83.821, 83.368

Harmonies

Complementary

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



94, 28.971, 93.947



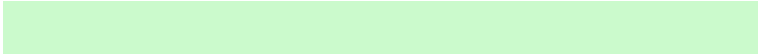
81, 29.594, 281.708

Rectangle

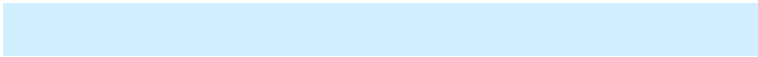
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 28.971, 93.947



94, 28.971, 143.947



94, 28.971, 273.947



94, 28.971, 323.947

Sweetspot

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



94, 28.964, 94.015



98, 9.016, 96.432



81, 28.998, 2.720



52, 6.271, 96.260



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

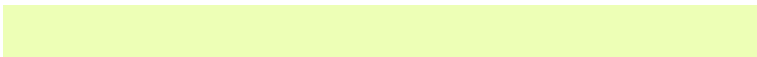
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 28.964, 94.015



93, 34.500, 93.322



97, 37.347, 118.092



52, 5.697, 96.372



63, 67.605, 83.757



21, 29.533, 86.182

Inverse Universe

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



81, 29.594, 281.708



77, 35.446, 282.729



78, 39.706, 302.063



50, 5.743, 278.732



29, 89.541, 300.854



7, 35.839, 296.058

Previews

White Background



This preview shows how the CIE LCh color 94, 28.971, 93.947 looks on a white background.

Color Contrast Check

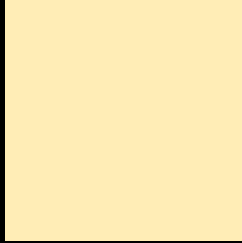
Large Text (above 18pt) WCAG AA × Fail

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, 28.971, 93.947 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

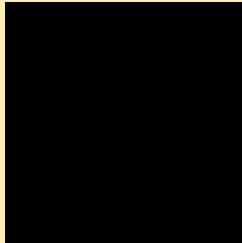
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 28.971, 93.947

Background



This preview shows how black text looks on a background with the CIELCh color 94, 28.971, 93.947.



This preview shows how white text looks on a background with the CIELCh color 94, 28.971, 93.947.

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, 28.971, 93.947

Protanopia

94, 28.875, 94.701

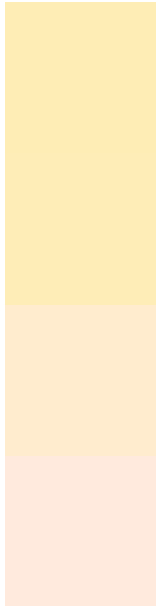
Deuteranopia

94, 11.304, 66.111



Tritanopia
94, 10.269, 343.197

Trichromacy



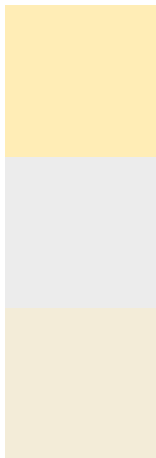
Original Color
94, 28.971, 93.947

Protanomaly
94, 28.875, 94.701

Deuteranomaly
94, 17.150, 82.853

Tritanomaly
94, 10.208, 60.405

Monochromacy



Original Color
94, 28.971, 93.947

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 10.571, 95.255

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 28.971, 93.947 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, 182)` looks like.

```
.text, #text, p{  
    color:rgb(255, 237, 182)  
}
```

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, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 237, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 28.971, 93.947 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, 182) }
```

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

```
.border{ border-color:rgb(255, 237, 182) }
```

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, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 237, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 237, 182); box-shadow:4px 4px 4px 4px rgb(255, 237, 182) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 28.971, 93.947 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, 182) }
```

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

```
.background{ background-color: rgb(255,  
237, 182) }
```

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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