

Converting Colors

CIELCh(94, 28.248, 94.068)

Have a look what the booklet for
CIELCh(94, 28.248, 94.068) contains.

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Color

CIELCh(94, 28.478, 93.759)

Conversions

Conversions Part 1

Format	Color
Hex	FFEDB7
RGB	255, 237, 183
RGB Percent	100%, 93%, 72%
CMY	0.0000, 0.0704, 0.2822
CMYK	0.00, 0.07, 0.28, 0.00
HSL	45°, 100%, 86%
HSV	45°, 28%, 100%
XYZ	80.0944, 85.2715, 57.0527
YIQ	236.2260, 28.0620, -12.9780

Conversions

Conversions Part 2

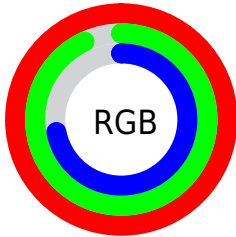
Format	Color
R _Y B	207, 255, 183
Decimal	16772535
CIE Lab	94.00, -1.87, 28.42
CIE LCh	94, 28.478, 93.759
Yxy	85.2715, 0.3601, 0.3834
Android (android.graphics.Color)	4294962615 (0xFFFFEDB7)
YUV	236.2260, -26.2404, 16.4648
Hunter-Lab	92.3426, -6.7756, 28.0083

Details

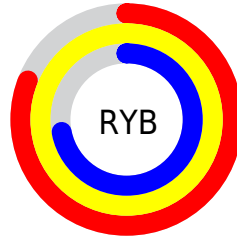
The CIELCh color **94, 28.478, 93.759** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **81, 29.054, 281.388**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 8.099, 109.562**, and **74, 28.266, 93.038** is the 20% darker color. If you saturate the color by 10%, you get **92, 38.686, 92.495**, and if you desaturate by 10%, it is **96, 18.292, 95.047**.

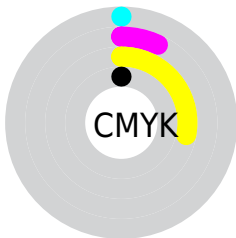
Distribution



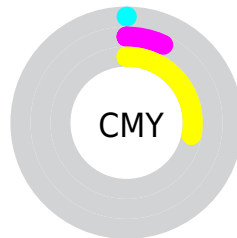
- Red (100%)
- Green (93%)
- Blue (72%)



- Red (81%)
- Yellow (100%)
- Blue (72%)



- Cyan (0%)
- Magenta (7%)
- Yellow (28%)
- Black (0%)



- Cyan (0%)
- Magenta (7%)
- Yellow (28%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 28.478, 93.759 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, 28.478, 93.759 by changing the saturation by 10% instead.

 94, 28.478, 93.759

 94, 28.478, 93.759

 100, 28.478,
93.759

 84, 28.478, 93.759

 74, 28.478, 93.759

 64, 28.478, 93.759

 54, 28.478, 93.759

 44, 28.478, 93.759

 34, 28.478, 93.759

 24, 28.478, 93.759

 14, 28.478, 93.759

 4, 28.478, 93.759

94, 28.478, 93.759

94, 28.478, 93.759

92, 38.686, 92.495

96, 18.292, 95.047

90, 48.797, 91.170

98, 8.199, 96.256

88, 58.582, 89.812

100, 0.012,
296.813

86, 67.643, 88.408

85, 75.341, 86.920

83, 80.814, 85.271

81, 83.406, 83.354

81, 83.718, 82.999

Harmonies

Complementary

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



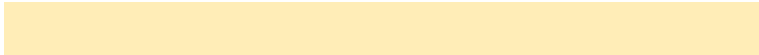
94, 28.478, 93.759



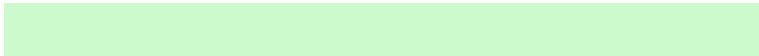
81, 29.054, 281.388

Rectangle

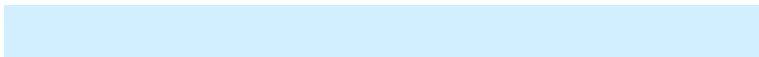
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 28.478, 93.759



94, 28.478, 143.759



94, 28.478, 273.759



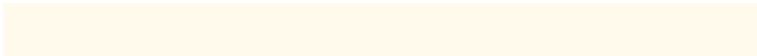
94, 28.478, 323.759

Sweetspot

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



94, 28.476, 93.788



98, 7.975, 96.282



81, 28.600, 2.667



52, 5.674, 96.105



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, 28.476, 93.788



93, 34.377, 93.045



97, 36.868, 118.115



52, 5.674, 96.105



62, 67.520, 83.396



21, 29.458, 85.848

Inverse Universe

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



81, 29.054, 281.388



78, 35.271, 282.481



78, 39.161, 302.029



50, 5.718, 278.473



29, 89.092, 300.695



7, 35.671, 295.902

Previews

White Background



This preview shows how the CIE LCh color 94, 28.478, 93.759 looks on a white background.

Color Contrast Check

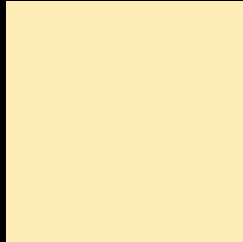
Large Text (above 18pt) WCAG AA × Fail

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, 28.478, 93.759 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

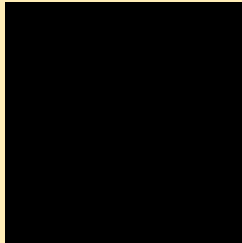
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 28.478, 93.759

Background



This preview shows how black text looks on a background with the CIELCh color 94, 28.478, 93.759.



This preview shows how white text looks on a background with the CIELCh color 94, 28.478, 93.759.

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, 28.478, 93.759

Protanopia

94, 28.381, 94.524

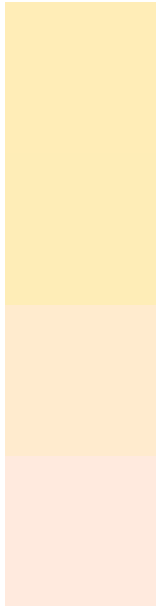
Deuteranopia

94, 10.927, 64.340



Tritanopia
94, 10.269, 343.197

Trichromacy



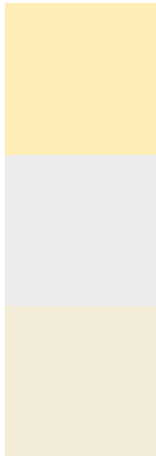
Original Color
94, 28.478, 93.759

Protanomaly
94, 28.381, 94.524

Deuteranomaly
94, 16.686, 82.153

Tritanomaly
94, 9.870, 58.224

Monochromacy



Original Color
94, 28.478, 93.759

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 10.072, 94.606

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 28.478, 93.759 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, 183)` looks like.

```
.text, #text, p{  
    color:rgb(255, 237, 183)  
}
```

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, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 237, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 28.478, 93.759 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, 183) }
```

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

```
.border{ border-color:rgb(255, 237, 183) }
```

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, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 237, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 237, 183); box-shadow:4px 4px 4px 4px rgb(255, 237, 183) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 28.478, 93.759 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, 183) }
```

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

```
.background{ background-color: rgb(255,  
237, 183) }
```

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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