

Converting Colors

CIELCh(96, 29.853, 80.136)

Have a look what the booklet for
CIELCh(96, 29.853, 80.136) contains.

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Color

CIELCh(94, 26.877, 93.959)

Conversions

Conversions Part 1

Format	Color
Hex	FEEDBA
RGB	254, 237, 186
RGB Percent	100%, 93%, 73%
CMY	0.0036, 0.0701, 0.2700
CMYK	0.00, 0.07, 0.27, 0.00
HSL	45°, 97%, 86%
HSV	45°, 27%, 100%
XYZ	80.1002, 85.2715, 58.7722
YIQ	236.2690, 26.5030, -12.2570

Conversions

Conversions Part 2

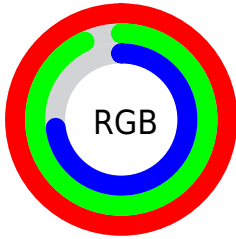
Format	Color
R _Y B	209, 254, 186
Decimal	16707002
CIE Lab	94.00, -1.86, 26.81
CIE LCh	94, 26.877, 93.959
Yxy	85.2715, 0.3574, 0.3804
Android (android.graphics.Color)	4294897082 (0xFFFEEDBA)
YUV	236.2690, -24.7826, 15.5501
Hunter-Lab	92.3426, -6.7644, 26.9042

Details

The CIELCh color **94, 26.877, 93.959** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **82, 27.387, 281.110**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 6.580, 109.674**, and **74, 26.612, 93.276** is the 20% darker color. If you saturate the color by 10%, you get **92, 37.060, 92.676**, and if you desaturate by 10%, it is **96, 16.736, 95.217**.

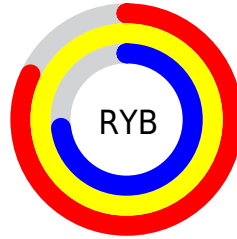
Distribution



Red (100%)

Green (93%)

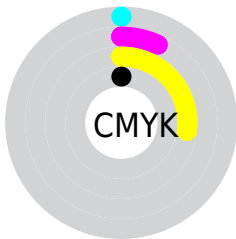
Blue (73%)



Red (82%)

Yellow (100%)

Blue (73%)

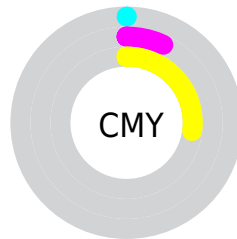


Cyan (0%)

Magenta (7%)

Yellow (27%)

Black (0%)



Cyan (0%)

Magenta (7%)

Yellow (27%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 26.877, 93.959 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, 26.877, 93.959 by changing the saturation by 10% instead.

 94, 26.877, 93.959

 94, 26.877, 93.959

 100, 26.877,
93.959

 84, 26.877, 93.959

 74, 26.877, 93.959

 64, 26.877, 93.959

 54, 26.877, 93.959

 44, 26.877, 93.959

 34, 26.877, 93.959

 24, 26.877, 93.959

 14, 26.877, 93.959

 4, 26.877, 93.959

94, 26.877, 93.959

94, 26.877, 93.959

92, 37.060, 92.676

96, 16.736, 95.217

90, 47.166, 91.355

98, 6.690, 96.415

88, 56.991, 90.003

100, 0.316,
201.481

86, 66.167, 88.607

85, 74.098, 87.135

83, 79.946, 85.517

81, 82.923, 83.639

81, 83.487, 82.985

Harmonies

Complementary

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



94, 26.877, 93.959



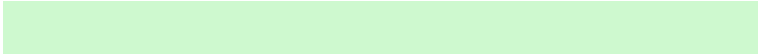
82, 27.387, 281.110

Rectangle

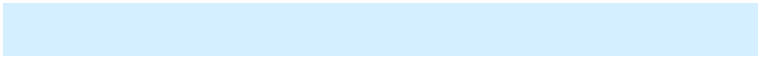
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 26.877, 93.959



94, 26.877, 143.959



94, 26.877, 273.959



94, 26.877, 323.959

Sweetspot

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



94, 26.878, 93.965



98, 7.973, 96.269



82, 26.945, 2.459



52, 5.673, 96.092



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

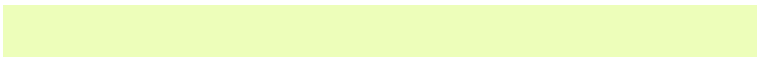
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 26.878, 93.965



93, 32.328, 93.290



97, 34.858, 118.211



52, 5.673, 96.092



62, 67.516, 83.379



21, 29.454, 85.832

Inverse Universe

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



82, 27.387, 281.110



79, 33.099, 282.079



79, 36.894, 301.897



50, 5.717, 278.460



29, 89.070, 300.687



7, 35.662, 295.894

Previews

White Background



This preview shows how the CIELCh color 94, 26.877, 93.959 looks on a white background.

Color Contrast Check

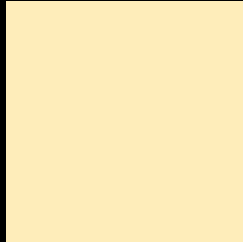
Large Text (above 18pt) WCAG AA × Fail

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, 26.877, 93.959 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

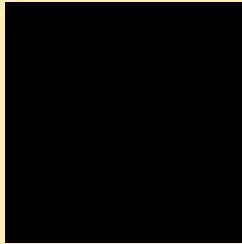
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 26.877, 93.959

Background



This preview shows how black text looks on a background with the CIELCh color 94, 26.877, 93.959.



This preview shows how white text looks on a background with the CIELCh color 94, 26.877, 93.959.

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, 26.898, 93.947

Protanopia

94, 26.803, 94.753

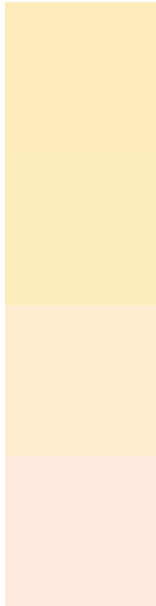
Deuteranopia

94, 10.927, 64.340



Tritanopia
94, 10.867, 342.193

Trichromacy



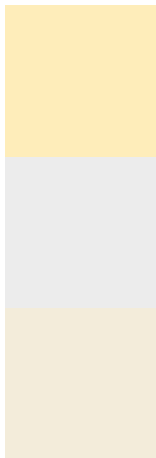
Original Color
94, 26.898, 93.947

Protanomaly
94, 26.803, 94.753

Deuteranomaly
94, 16.224, 81.410

Tritanomaly
94, 9.564, 52.166

Monochromacy



Original Color
94, 26.898, 93.947

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 9.575, 93.885

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 26.877, 93.959 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(254, 237, 186)` looks like.

```
.text, #text, p{  
    color:rgb(254, 237, 186)  
}
```

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(254, 237, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 237, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 26.877, 93.959 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(254, 237, 186) }
```

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

```
.border{ border-color:rgb(254, 237, 186) }
```

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

Here you see how a box with a 4 pixel rgb(254, 237, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 237, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 237, 186);  
box-shadow:4px 4px 4px 4px rgb(254, 237,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 26.877, 93.959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 237, 186) }
```

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

```
.background{ background-color: rgb(254,  
237, 186) }
```

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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