

Converting Colors

CIE LCh(94, 10.150, 28.052)

Have a look what the booklet for
CIELCh(94, 10.150, 28.052) contains.

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Color

CIELCh(94, 8.496, 30.306)

Conversions

Conversions Part 1

Format	Color
Hex	FFE9E6
RGB	255, 233, 230
RGB Percent	100%, 91%, 90%
CMY	0.0000, 0.0871, 0.0989
CMYK	0.00, 0.09, 0.10, 0.00
HSL	7°, 100%, 95%
HSV	7°, 10%, 100%
XYZ	84.8680, 85.2715, 86.6910
YIQ	239.2360, 14.0750, 3.7310

Conversions

Conversions Part 2

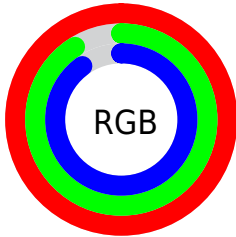
Format	Color
R _Y B	255, 233, 230
Decimal	16771558
CIE Lab	94.00, 7.33, 4.29
CIE LCh	94, 8.496, 30.306
Yxy	85.2715, 0.3304, 0.3320
Android (android.graphics.Color)	4294961638 (0xFFFFE9E6)
YUV	239.2360, -4.5533, 13.8250
Hunter-Lab	92.3426, 2.4519, 8.9785

Details

The CIELCh color `94, 8.496, 30.306` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `97, 7.688, 210.575`, and the grayscale version is `94, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `74, 8.116, 27.622` is the 20% darker color. If you saturate the color by 10%, you get `88, 17.207, 31.041`, and if you desaturate by 10%, it is `100, 0.012, 296.813`.

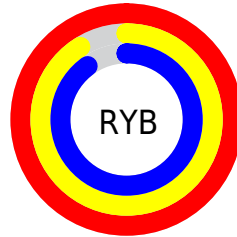
Distribution



Red (100%)

Green (91%)

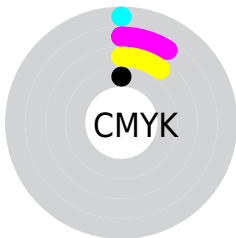
Blue (90%)



Red (100%)

Yellow (91%)

Blue (90%)

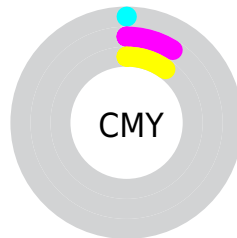


Cyan (0%)

Magenta (9%)

Yellow (10%)

Black (0%)



Cyan (0%)

Magenta (9%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 8.496, 30.306 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, 8.496, 30.306 by changing the saturation by 10% instead.



94, 8.496, 30.306

94, 8.496, 30.306

88, 17.207, 31.041

100, 0.012,
296.813

82, 26.969, 31.555

76, 37.501, 32.296

71, 48.759, 33.330

66, 60.609, 34.713

62, 72.779, 36.462

59, 84.727, 38.461

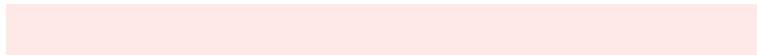
56, 95.277, 40.268

54, 102.516,
41.195

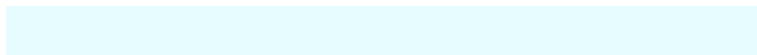
Harmonies

Complementary

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



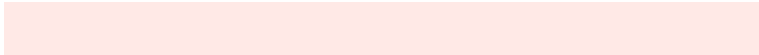
94, 8.496, 30.306



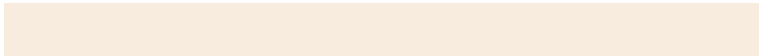
97, 7.688, 210.575

Rectangle

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



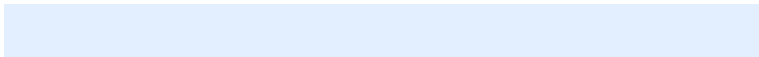
94, 8.496, 30.306



94, 8.496, 80.306



94, 8.496, 210.306



94, 8.496, 260.306

Sweetspot

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



94, 8.202, 30.679



98, 2.418, 30.347



94, 14.541, 328.342



52, 1.839, 30.419



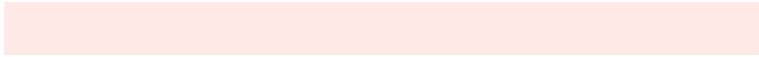
0, 0.000, 0.000



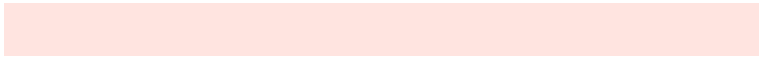
53, 0.007, 296.813

Same Dimension

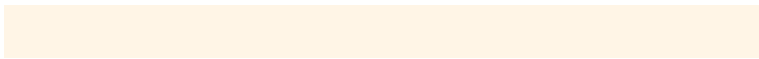
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 8.202, 30.679



93, 10.043, 30.749



97, 8.645, 85.619



50, 4.709, 30.667



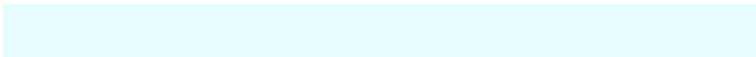
41, 82.291, 41.475



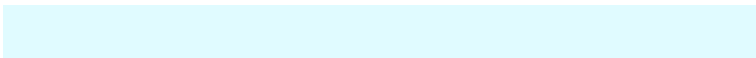
11, 31.176, 33.024

Inverse Universe

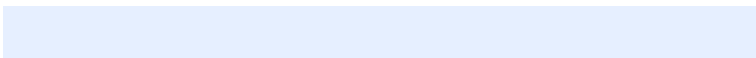
The Inverse Universe completely reimagines the original color for something new.



97, 7.688, 210.575



97, 9.277, 210.553



94, 8.589, 268.290



52, 4.425, 210.580



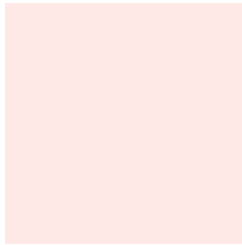
63, 35.494, 218.192



21, 16.476, 215.237

Previews

White Background



This preview shows how the CIELCh color 94, 8.496, 30.306 looks on a white background.

Color Contrast Check

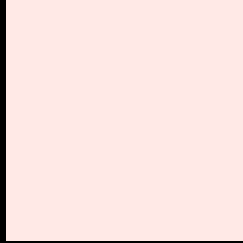
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 94, 8.496, 30.306 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

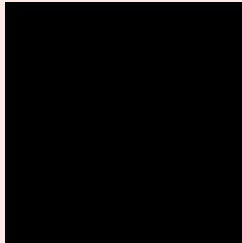
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

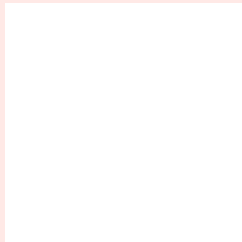
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 8.496, 30.306

Background



This preview shows how black text looks on a background with the CIELCh color 94, 8.496, 30.306.

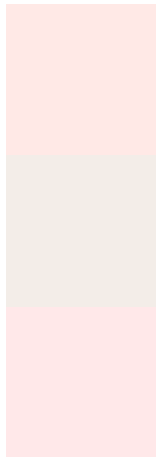


This preview shows how white text looks on a background with the CIELCh color 94, 8.496, 30.306.

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, 8.125, 30.751

Protanopia

94, 3.328, 69.680

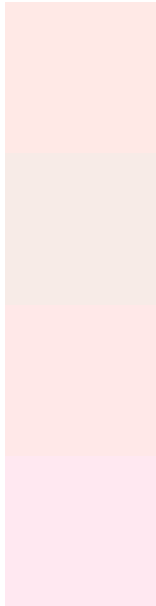
Deuteranopia

94, 8.324, 16.382



Tritanopia
94, 11.865, 336.301

Trichromacy



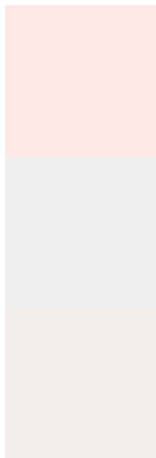
Original Color
94, 8.125, 30.751

Protanomaly
94, 4.770, 45.006

Deuteranomaly
94, 8.319, 19.904

Tritanomaly
94, 9.443, 350.728

Monochromacy



Original Color
94, 8.125, 30.751

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 2.894, 29.582

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 8.496, 30.306 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, 233, 230)` looks like.

```
.text, #text, p{  
    color:rgb(255, 233, 230)  
}
```

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, 233, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 233, 230) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 8.496, 30.306 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, 233, 230) }
```

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

```
.border{ border-color:rgb(255, 233, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 233, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 233, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 233, 230);  
box-shadow:4px 4px 4px 4px rgb(255, 233,  
230) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 8.496, 30.306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 233, 230) }
```

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

```
.background{ background-color: rgb(255,  
233, 230) }
```

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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