

Converting Colors

CIELCh(94, 13.063, 86.153)

Have a look what the booklet for
CIELCh(94, 13.063, 86.153) contains.

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Color

CIELCh(94, 12.884, 85.430)

Conversions

Conversions Part 1

Format	Color
Hex	FAECD5
RGB	250, 236, 213
RGB Percent	98%, 93%, 84%
CMY	0.0189, 0.0738, 0.1640
CMYK	0.00, 0.06, 0.15, 0.02
HSL	37°, 79%, 91%
HSV	37°, 15%, 98%
XYZ	81.5756, 85.2715, 75.2326
YIQ	237.5640, 15.7270, -4.1850

Conversions

Conversions Part 2

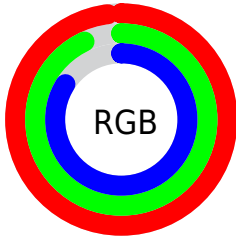
Format	Color
R _Y B	236, 250, 213
Decimal	16444629
CIE Lab	94.00, 1.03, 12.84
CIE LCh	94, 12.884, 85.430
Yxy	85.2715, 0.3370, 0.3522
Android (android.graphics.Color)	4294634709 (0xFFFAECD5)
YUV	237.5640, -12.1101, 10.9064
Hunter-Lab	92.3426, -3.9123, 16.3355

Details

The CIELCh color **94, 12.884, 85.430** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **90, 12.746, 269.462**, 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, 12.929, 85.639** is the 20% darker color. If you saturate the color by 10%, you get **91, 21.900, 84.115**, and if you desaturate by 10%, it is **97, 4.110, 86.682**.

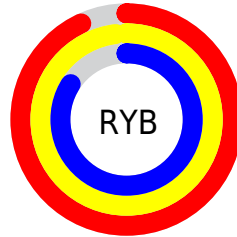
Distribution



Red (98%)

Green (93%)

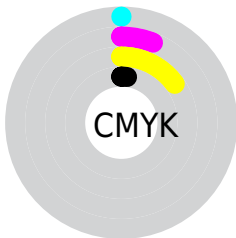
Blue (84%)



Red (93%)

Yellow (98%)

Blue (84%)

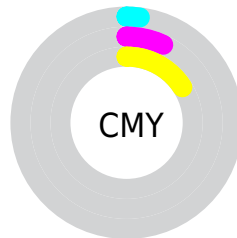


Cyan (0%)

Magenta (6%)

Yellow (15%)

Black (2%)



Cyan (2%)

Magenta (7%)

Yellow (16%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 12.884, 85.430 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, 12.884, 85.430 by changing the saturation by 10% instead.

 94, 12.884, 85.430

 94, 12.884, 85.430

 100, 12.884,
85.430

 84, 12.884, 85.430

 74, 12.884, 85.430

 64, 12.884, 85.430


 54, 12.884, 85.430

 44, 12.884, 85.430

 34, 12.884, 85.430

 24, 12.884, 85.430

 14, 12.884, 85.430

 4, 12.884, 85.430

94, 12.884, 85.430

94, 12.884, 85.430

91, 21.900, 84.115

97, 4.110, 86.682

88, 31.142, 82.744

100, 1.669,
199.696

86, 40.562, 81.331

83, 50.040, 79.869

80, 59.331, 78.330

78, 67.970, 76.649

76, 75.167, 74.691

73, 79.899, 72.227

72, 81.465, 70.752

Harmonies

Complementary

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



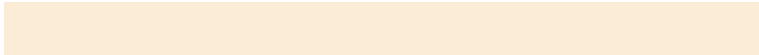
94, 12.884, 85.430



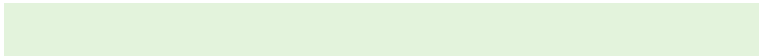
90, 12.746, 269.462

Rectangle

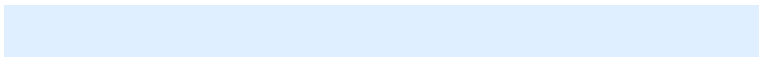
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 12.884, 85.430



94, 12.884, 135.430



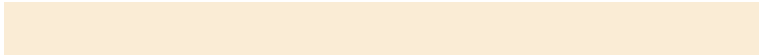
94, 12.884, 265.430



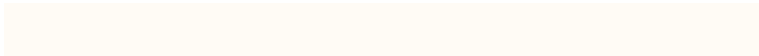
94, 12.884, 315.430

Sweetspot

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



94, 12.885, 85.442



99, 3.480, 86.767



89, 15.317, 351.835



53, 2.477, 86.686



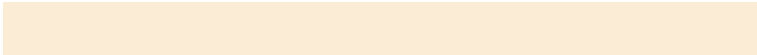
0, 0.000, 0.000



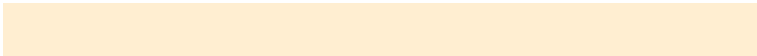
53, 0.007, 296.813

Same Dimension

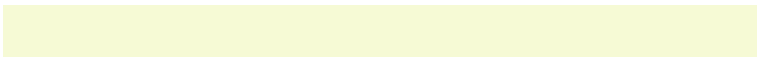
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 12.885, 85.442



95, 15.998, 85.019



97, 18.860, 113.582



51, 4.909, 86.118



56, 65.864, 71.364



17, 26.420, 74.010

Inverse Universe

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



90, 12.746, 269.462



90, 15.776, 269.977



87, 19.500, 296.060



49, 4.883, 268.678



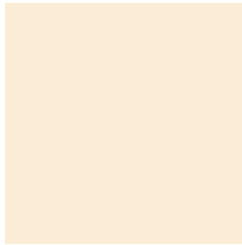
34, 72.518, 293.948



9, 28.424, 288.111

Previews

White Background



This preview shows how the CIE LCh color 94, 12.884, 85.430 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, 12.884, 85.430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

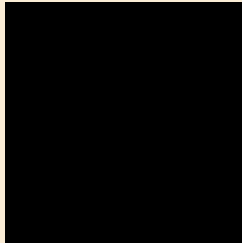
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 12.884, 85.430

Background



This preview shows how black text looks on a background with the CIELCh color 94, 12.884, 85.430.

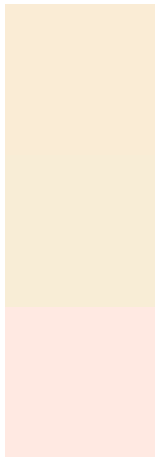


This preview shows how white text looks on a background with the CIELCh color 94, 12.884, 85.430.

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, 12.884, 85.430

Protanopia

94, 12.463, 90.160

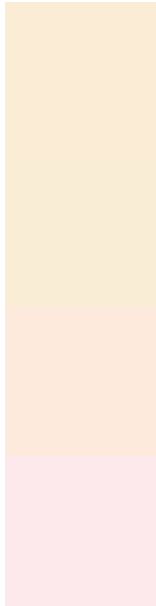
Deuteranopia

94, 8.796, 43.871



Tritanopia
94, 12.592, 332.927

Trichromacy



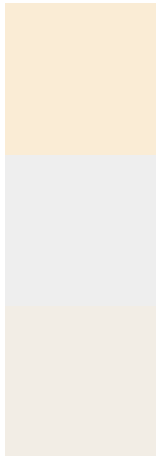
Original Color
94, 12.884, 85.430

Protanomaly
94, 12.589, 88.553

Deuteranomaly
94, 9.653, 63.278

Tritanomaly
94, 7.351, 7.761

Monochromacy



Original Color
94, 12.884, 85.430

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 4.463, 86.055

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 12.884, 85.430 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(250, 236, 213)` looks like.

```
.text, #text, p{  
    color:rgb(250, 236, 213)  
}
```

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(250, 236, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 236, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 12.884, 85.430 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(250, 236, 213) }
```

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

```
.border{ border-color:rgb(250, 236, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 236, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 236, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 236, 213);  
box-shadow:4px 4px 4px 4px rgb(250, 236,  
213) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 12.884, 85.430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 236, 213) }
```

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

```
.background{ background-color: rgb(250,  
236, 213) }
```

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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