

Converting Colors

CIELCh(94, 14.179, 92.459)

Have a look what the booklet for
CIELCh(94, 14.179, 92.459) contains.

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Color

CIELCh(94, 13.931, 92.034)

Conversions

Conversions Part 1

Format	Color
Hex	F8EDD3
RGB	248, 237, 211
RGB Percent	97%, 93%, 83%
CMY	0.0272, 0.0704, 0.1723
CMYK	0.00, 0.04, 0.15, 0.03
HSL	42°, 73%, 90%
HSV	42°, 15%, 97%
XYZ	80.7947, 85.2715, 73.8635
YIQ	237.3250, 14.9020, -5.7540

Conversions

Conversions Part 2

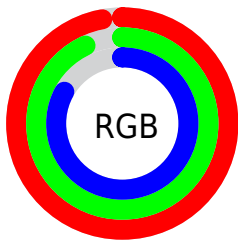
Format	Color
R _Y B	227, 248, 211
Decimal	16313811
CIE Lab	94.00, -0.49, 13.92
CIE LCh	94, 13.931, 92.034
Yxy	85.2715, 0.3367, 0.3554
Android (android.graphics.Color)	4294503891 (0xFFF8EDD3)
YUV	237.3250, -12.9782, 9.3620
Hunter-Lab	92.3426, -5.4217, 17.2146

Details

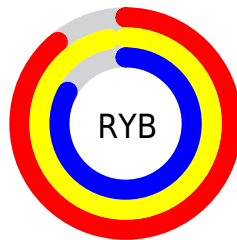
The CIELCh color `94, 13.931, 92.034` is a light color, and the websafe version is hex `FFFFCC`. A complement of this color would be `88, 13.980, 275.939`, and the grayscale version is `94, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `74, 14.036, 92.503` is the 20% darker color. If you saturate the color by 10%, you get `92, 23.470, 90.759`, and if you desaturate by 10%, it is `96, 4.545, 93.256`.

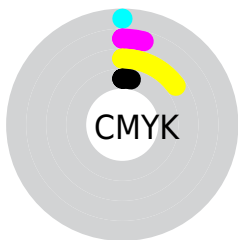
Distribution



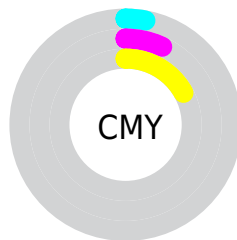
- Red (97%)
- Green (93%)
- Blue (83%)



- Red (89%)
- Yellow (97%)
- Blue (83%)



- Cyan (0%)
- Magenta (4%)
- Yellow (15%)
- Black (3%)



- Cyan (3%)
- Magenta (7%)
- Yellow (17%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 13.931, 92.034 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, 13.931, 92.034 by changing the saturation by 10% instead.

 94, 13.931, 92.034

 94, 13.931, 92.034

 100, 13.931,
92.034

 84, 13.931, 92.034

 74, 13.931, 92.034

 64, 13.931, 92.034

 54, 13.931, 92.034

 44, 13.931, 92.034

 34, 13.931, 92.034

 24, 13.931, 92.034

 14, 13.931, 92.034

 4, 13.931, 92.034

94, 13.931, 92.034

94, 13.931, 92.034

92, 23.470, 90.759

96, 4.545, 93.256

89, 33.121, 89.430

99, 2.074, 251.565

87, 42.805, 88.062

99, 2.407, 199.528

85, 52.362, 86.651

83, 61.498, 85.181

81, 69.698, 83.608

79, 76.170, 81.843

77, 80.011, 79.736

76, 81.089, 78.537

Harmonies

Complementary

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



94, 13.931, 92.034



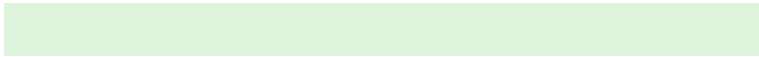
88, 13.980, 275.939

Rectangle

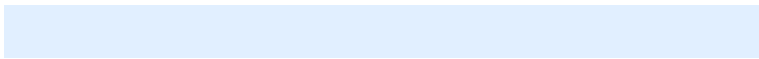
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 13.931, 92.034



94, 13.931, 142.034



94, 13.931, 272.034



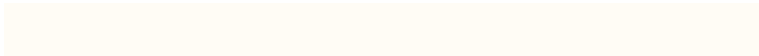
94, 13.931, 322.034

Sweetspot

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



94, 13.932, 92.044



99, 3.777, 93.355



88, 14.695, 357.410



53, 2.687, 93.273



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, 13.932, 92.044



96, 17.241, 91.650



96, 19.032, 116.971



51, 5.314, 92.716



59, 66.084, 79.007



19, 27.481, 81.753

Inverse Universe

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



88, 13.980, 275.939



89, 17.304, 276.417



86, 19.650, 299.112



49, 5.332, 275.164



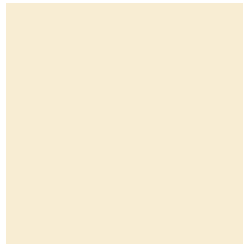
31, 82.554, 298.544



7, 32.248, 293.210

Previews

White Background



This preview shows how the CIELCh color 94, 13.931, 92.034 looks on a white background.

Color Contrast Check

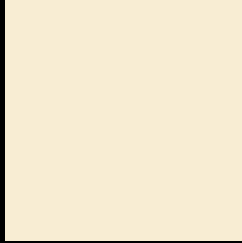
Large Text (above 18pt) WCAG AA × Fail

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, 13.931, 92.034 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

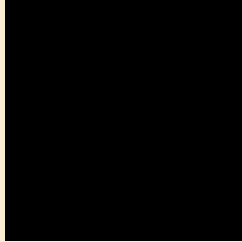
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

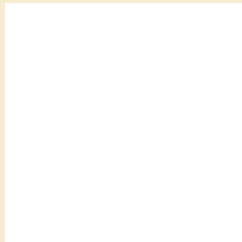
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 13.931, 92.034

Background



This preview shows how black text looks on a background with the CIELCh color 94, 13.931, 92.034.

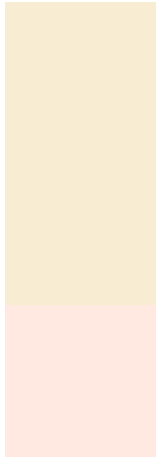


This preview shows how white text looks on a background with the CIELCh color 94, 13.931, 92.034.

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, 13.931, 92.034

Protanopia

94, 13.931, 92.034

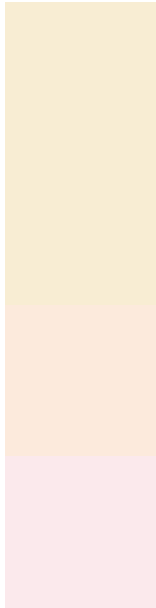
Deuteranopia

94, 9.029, 46.793



Tritanopia
94, 12.524, 328.894

Trichromacy



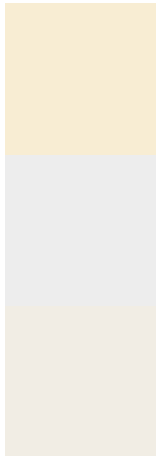
Original Color
94, 13.931, 92.034

Protanomaly
94, 13.931, 92.034

Deuteranomaly
94, 9.766, 66.887

Tritanomaly
94, 6.644, 6.384

Monochromacy



Original Color
94, 13.931, 92.034

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 4.822, 92.408

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 13.931, 92.034 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(248, 237, 211)` looks like.

```
.text, #text, p{  
    color:rgb(248, 237, 211)  
}
```

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(248, 237, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 237, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 13.931, 92.034 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(248, 237, 211) }
```

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

```
.border{ border-color:rgb(248, 237, 211) }
```

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

Here you see how a box with a 4 pixel rgb(248, 237, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 237, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 237, 211);  
box-shadow:4px 4px 4px 4px rgb(248, 237,  
211) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 13.931, 92.034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 237, 211) }
```

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

```
.background{ background-color: rgb(248,  
237, 211) }
```

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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