

Converting Colors

CIELCh(94, 15.135, 97.622)

Have a look what the booklet for
CIELCh(94, 15.135, 97.622) contains.

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Color

CIELCh(94, 15.140, 97.644)

Conversions

Conversions Part 1

Format	Color
Hex	F6EED1
RGB	246, 238, 209
RGB Percent	96%, 93%, 82%
CMY	0.0357, 0.0670, 0.1807
CMYK	0.00, 0.03, 0.15, 0.04
HSL	47°, 67%, 89%
HSV	47°, 15%, 96%
XYZ	80.0197, 85.2715, 72.5060
YIQ	237.0860, 14.0770, -7.3230

Conversions

Conversions Part 2

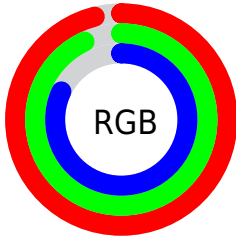
Format	Color
R _Y B	219, 246, 209
Decimal	16182993
CIE Lab	94.00, -2.01, 15.01
CIE LCh	94, 15.140, 97.644
Yxy	85.2715, 0.3365, 0.3586
Android (android.graphics.Color)	4294373073 (0xFFFF6EED1)
YUV	237.0860, -13.8464, 7.8176
Hunter-Lab	92.3426, -6.9200, 18.0862

Details

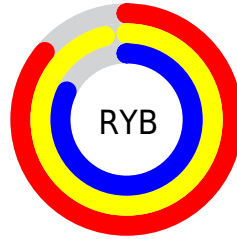
The CIELCh color **94, 15.140, 97.644** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **87, 15.368, 281.353**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 14.869, 96.474** is the 20% darker color. If you saturate the color by 10%, you get **92, 25.305, 96.445**, and if you desaturate by 10%, it is **96, 5.046, 98.804**.

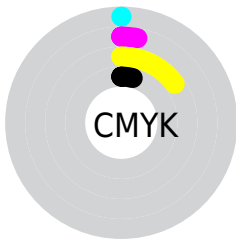
Distribution



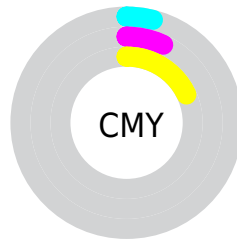
- Red (96%)
- Green (93%)
- Blue (82%)



- Red (86%)
- Yellow (96%)
- Blue (82%)



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



- Cyan (4%)
- Magenta (7%)
- Yellow (18%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 15.140, 97.644 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, 15.140, 97.644 by changing the saturation by 10% instead.

 94, 15.140, 97.644

 94, 15.140, 97.644

 100, 15.140,
97.644

 84, 15.140, 97.644

 74, 15.140, 97.644

 64, 15.140, 97.644

 54, 15.140, 97.644

 44, 15.140, 97.644

 34, 15.140, 97.644

 24, 15.140, 97.644

 14, 15.140, 97.644

 4, 15.140, 97.644

94, 15.140, 97.644

94, 15.140, 97.644

92, 25.305, 96.445

96, 5.046, 98.804

90, 35.476, 95.204

98, 3.414, 274.973

89, 45.545, 93.938

99, 2.803, 211.471

87, 55.315, 92.652

99, 3.145, 199.416

86, 64.445, 91.343

84, 72.388, 89.994

83, 78.377, 88.563

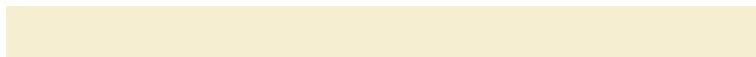
81, 81.647, 86.971

81, 82.437, 86.122

Harmonies

Complementary

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



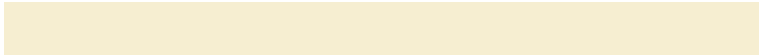
94, 15.140, 97.644



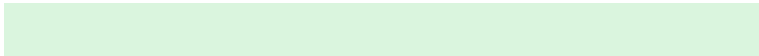
87, 15.368, 281.353

Rectangle

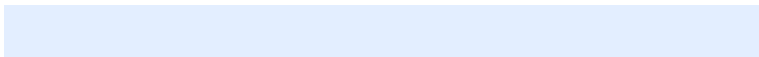
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 15.140, 97.644



94, 15.140, 147.644



94, 15.140, 277.644



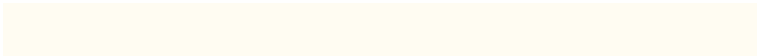
94, 15.140, 327.644

Sweetspot

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



94, 15.142, 97.653



99, 5.151, 98.808



87, 14.231, 3.445



53, 3.516, 98.731



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, 15.142, 97.653



97, 18.683, 97.296



95, 19.272, 120.282



50, 5.682, 98.304



63, 66.991, 86.453



20, 27.815, 88.851

Inverse Universe

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



87, 15.368, 281.353



88, 19.015, 281.789



86, 19.853, 302.137



48, 5.742, 280.598



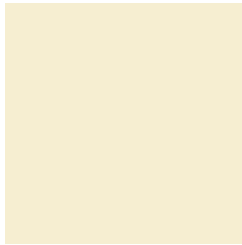
27, 90.789, 301.908



5, 33.831, 295.492

Previews

White Background



This preview shows how the CIELCh color 94, 15.140, 97.644 looks on a white background.

Color Contrast Check

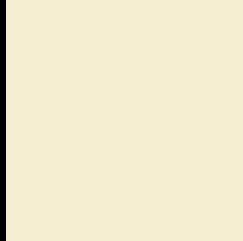
Large Text (above 18pt) WCAG AA × Fail

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, 15.140, 97.644 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

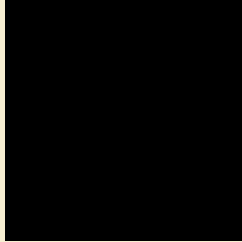
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

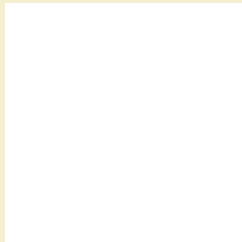
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 15.140, 97.644

Background



This preview shows how black text looks on a background with the CIELCh color 94, 15.140, 97.644.

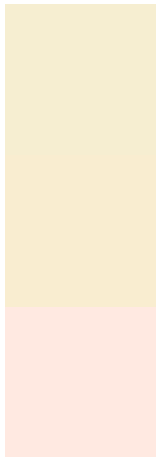


This preview shows how white text looks on a background with the CIELCh color 94, 15.140, 97.644.

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, 15.140, 97.644

Protanopia

94, 15.517, 92.184

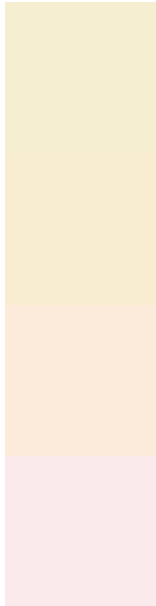
Deuteranopia

94, 9.029, 46.793



Tritanopia
94, 11.681, 327.705

Trichromacy



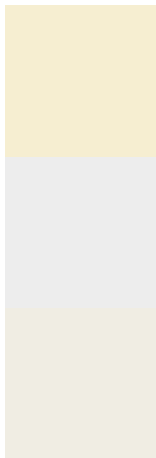
Original Color
94, 15.140, 97.644

Protanomaly
94, 15.412, 93.525

Deuteranomaly
94, 10.319, 72.130

Tritanomaly
94, 5.766, 14.595

Monochromacy



Original Color
94, 15.140, 97.644

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 5.232, 97.826

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 15.140, 97.644 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(246, 238, 209)` looks like.

```
.text, #text, p{  
    color:rgb(246, 238, 209)  
}
```

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(246, 238, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 238, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 15.140, 97.644 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(246, 238, 209) }
```

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

```
.border{ border-color:rgb(246, 238, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 238, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 238, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 238, 209);  
box-shadow:4px 4px 4px 4px rgb(246, 238,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 15.140, 97.644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 238, 209) }
```

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

```
.background{ background-color: rgb(246,  
238, 209) }
```

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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