

Converting Colors

CIELCh(94, 19.480, 97.348)

Have a look what the booklet for
CIELCh(94, 19.480, 97.348) contains.

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Color

CIELCh(94, 19.303, 97.396)

Conversions

Conversions Part 1

Format	Color
Hex	F8EEC9
RGB	248, 238, 201
RGB Percent	97%, 93%, 79%
CMY	0.0277, 0.0669, 0.2120
CMYK	0.00, 0.04, 0.19, 0.03
HSL	47°, 77%, 88%
HSV	47°, 19%, 97%
XYZ	79.7805, 85.2715, 67.4747
YIQ	236.7720, 17.8370, -9.3870

Conversions

Conversions Part 2

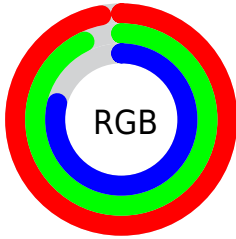
Format	Color
R_{YB}	214, 248, 201
Decimal	16314057
CIE _{Lab}	94.00, -2.48, 19.14
CIE _{LCh}	94, 19.303, 97.396
Y _{xy}	85.2715, 0.3431, 0.3667
Android (android.graphics.Color)	4294504137 (0xFFFF8EEC9)
YUV	236.7720, -17.6356, 9.8470
Hunter-Lab	92.3426, -7.3824, 21.3166

Details

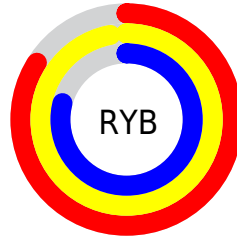
The CIELCh color **94, 19.303, 97.396** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **85, 19.677, 282.135**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 19.160, 97.468** is the 20% darker color. If you saturate the color by 10%, you get **92, 29.578, 96.184**, and if you desaturate by 10%, it is **96, 9.076, 98.581**.

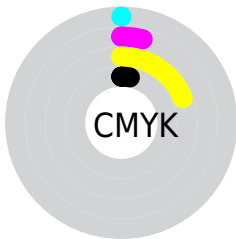
Distribution



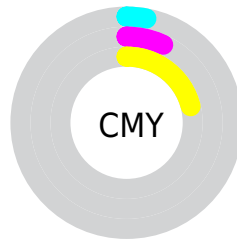
- Red (97%)
- Green (93%)
- Blue (79%)



- Red (84%)
- Yellow (97%)
- Blue (79%)



- Cyan (0%)
- Magenta (4%)
- Yellow (19%)
- Black (3%)



- Cyan (3%)
- Magenta (7%)
- Yellow (21%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 19.303, 97.396 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, 19.303, 97.396 by changing the saturation by 10% instead.

 94, 19.303, 97.396

 94, 19.303, 97.396

 100, 19.303,
97.396

 84, 19.303, 97.396

 74, 19.303, 97.396

 64, 19.303, 97.396

 54, 19.303, 97.396

 44, 19.303, 97.396

 34, 19.303, 97.396

 24, 19.303, 97.396

 14, 19.303, 97.396

 4, 19.303, 97.396

94, 19.303, 97.396

94, 19.303, 97.396

92, 29.578, 96.184

96, 9.076, 98.581

90, 39.820, 94.937

98, 1.066, 279.933

89, 49.887, 93.668

99, 2.107, 217.028

87, 59.531, 92.380

99, 2.448, 199.521

86, 68.332, 91.067

84, 75.646, 89.704

83, 80.655, 88.239

81, 82.896, 86.598

81, 83.065, 86.423

Harmonies

Complementary

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



94, 19.303, 97.396



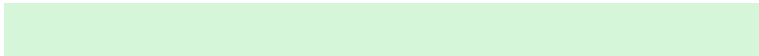
85, 19.677, 282.135

Rectangle

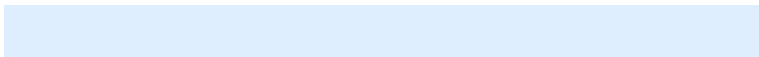
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 19.303, 97.396



94, 19.303, 147.396



94, 19.303, 277.396



94, 19.303, 327.396

Sweetspot

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



94, 19.305, 97.403



99, 6.209, 98.913



85, 18.222, 3.907



53, 4.120, 98.841



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, 19.305, 97.403



96, 23.999, 96.910



96, 24.423, 120.043



51, 5.800, 98.518



63, 67.762, 86.739



21, 29.060, 89.005

Inverse Universe

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



85, 19.677, 282.135



84, 24.569, 282.773



83, 25.359, 302.423



49, 5.862, 280.810



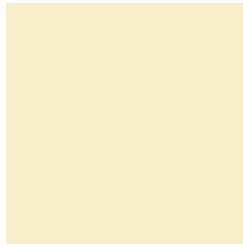
27, 92.151, 302.054



6, 35.590, 296.487

Previews

White Background



This preview shows how the CIE LCh color 94, 19.303, 97.396 looks on a white background.

Color Contrast Check

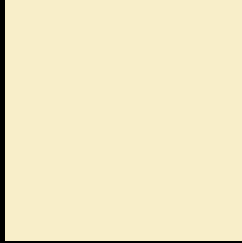
Large Text (above 18pt) WCAG AA × Fail

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, 19.303, 97.396 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

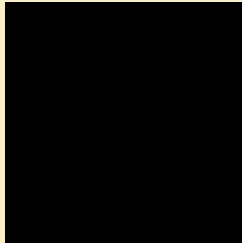
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

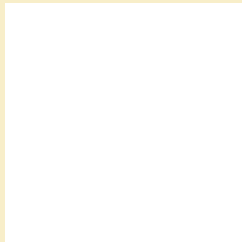
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 19.303, 97.396

Background



This preview shows how black text looks on a background with the CIELCh color 94, 19.303, 97.396.

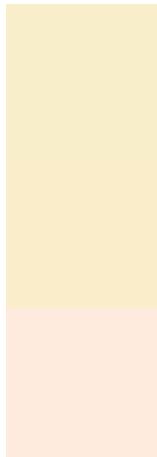


This preview shows how white text looks on a background with the CIELCh color 94, 19.303, 97.396.

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, 19.303, 97.396

Protanopia

94, 19.079, 93.782

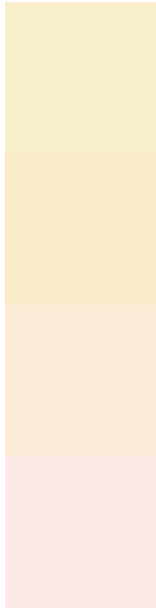
Deuteranopia

94, 9.870, 58.224



Tritanopia
94, 12.357, 331.690

Trichromacy



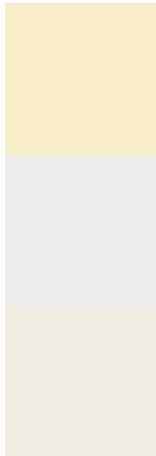
Original Color
94, 19.303, 97.396

Protanomaly
94, 18.984, 94.892

Deuteranomaly
94, 12.486, 78.936

Tritanomaly
94, 6.572, 28.710

Monochromacy



Original Color
94, 19.303, 97.396

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 6.813, 97.348

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 19.303, 97.396 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, 238, 201)` looks like.

```
.text, #text, p{  
    color:rgb(248, 238, 201)  
}
```

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, 238, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 238, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 19.303, 97.396 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, 238, 201) }
```

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

```
.border{ border-color:rgb(248, 238, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 238, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 238, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 238, 201);  
box-shadow:4px 4px 4px 4px rgb(248, 238,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 19.303, 97.396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 238, 201) }
```

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

```
.background{ background-color: rgb(248,  
238, 201) }
```

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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