

Converting Colors

CIELCh(94, 17.205, 92.749)

Have a look what the booklet for
CIELCh(94, 17.205, 92.749) contains.

CIELCh(94, 17.103, 92.272)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(94, 17.103, 92.272)

Conversions

Conversions Part 1

Format	Color
Hex	FAEDCD
RGB	250, 237, 205
RGB Percent	98%, 93%, 80%
CMY	0.0197, 0.0707, 0.1962
CMYK	0.00, 0.05, 0.18, 0.02
HSL	43°, 82%, 89%
HSV	43°, 18%, 98%
XYZ	80.7008, 85.2715, 69.9412
YIQ	237.2390, 18.0200, -7.1960

Conversions

Conversions Part 2

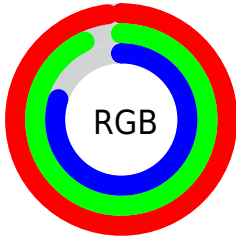
Format	Color
RYB	223, 250, 205
Decimal	16444877
CIELab	94.00, -0.68, 17.09
CIELCh	94, 17.103, 92.272
Yxy	85.2715, 0.3421, 0.3615
Android (android.graphics.Color)	4294634957 (0xFFFAEDCD)
YUV	237.2390, -15.8938, 11.1914
Hunter-Lab	92.3426, -5.6033, 19.7330

Details

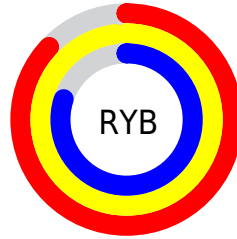
The CIELCh color **94, 17.103, 92.272** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **87, 17.195, 277.017**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 16.855, 92.070** is the 20% darker color. If you saturate the color by 10%, you get **92, 26.807, 90.987**, and if you desaturate by 10%, it is **96, 7.536, 93.519**.

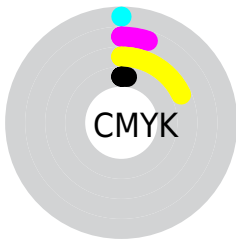
Distribution



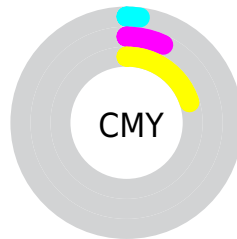
- Red (98%)
- Green (93%)
- Blue (80%)



- Red (87%)
- Yellow (98%)
- Blue (80%)



- Cyan (0%)
- Magenta (5%)
- Yellow (18%)
- Black (2%)



- Cyan (2%)
- Magenta (7%)
- Yellow (20%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 17.103, 92.272 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, 17.103, 92.272 by changing the saturation by 10% instead.

 94, 17.103, 92.272

 94, 17.103, 92.272

 100, 17.103,
92.272

 84, 17.103, 92.272

 74, 17.103, 92.272

 64, 17.103, 92.272

 54, 17.103, 92.272

 44, 17.103, 92.272

 34, 17.103, 92.272

 24, 17.103, 92.272

 14, 17.103, 92.272

 4, 17.103, 92.272

94, 17.103, 92.272

94, 17.103, 92.272

92, 26.807, 90.987

96, 7.536, 93.519

89, 36.592, 89.653

99, 1.879, 274.897

87, 46.356, 88.281

100, 1.747,
199.674

85, 55.898, 86.865

83, 64.858, 85.384

81, 72.628, 83.785

79, 78.343, 81.965

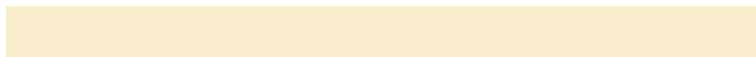
78, 81.261, 79.783

77, 81.677, 79.327

Harmonies

Complementary

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



94, 17.103, 92.272



87, 17.195, 277.017

Rectangle

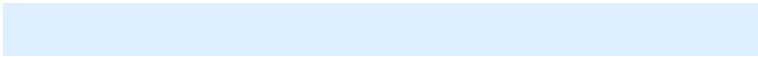
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 17.103, 92.272



94, 17.103, 142.272



94, 17.103, 272.272



94, 17.103, 322.272

Sweetspot

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



94, 17.104, 92.281



99, 4.769, 93.867



87, 17.952, 357.767



53, 3.257, 93.788



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, 17.104, 92.281



95, 21.312, 91.766



97, 23.092, 116.755



51, 5.360, 93.339



60, 66.186, 79.793



19, 27.618, 82.514

Inverse Universe

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



87, 17.195, 277.017



86, 21.447, 277.669



84, 24.005, 299.376



49, 5.383, 275.773



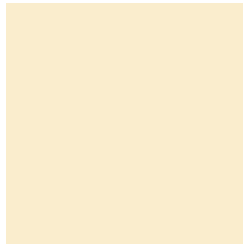
30, 83.562, 298.948



7, 32.614, 293.615

Previews

White Background



This preview shows how the CIELCh color 94, 17.103, 92.272 looks on a white background.

Color Contrast Check

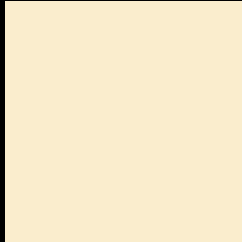
Large Text (above 18pt) WCAG AA × Fail

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, 17.103, 92.272 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

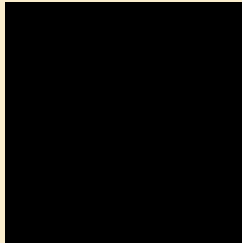
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 17.103, 92.272

Background



This preview shows how black text looks on a background with the CIELCh color 94, 17.103, 92.272.

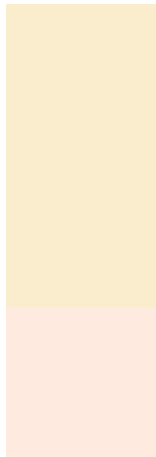


This preview shows how white text looks on a background with the CIELCh color 94, 17.103, 92.272.

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, 17.103, 92.272

Protanopia

94, 17.103, 92.272

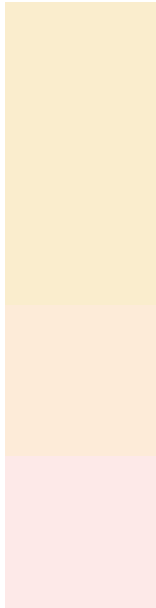
Deuteranopia

94, 9.547, 55.889



Tritanopia
94, 12.223, 334.562

Trichromacy



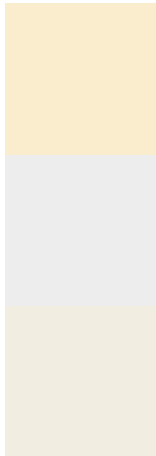
Original Color
94, 17.103, 92.272

Protanomaly
94, 17.103, 92.272

Deuteranomaly
94, 11.808, 75.006

Tritanomaly
94, 7.240, 23.867

Monochromacy



Original Color
94, 17.103, 92.272

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 6.402, 93.241

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 17.103, 92.272 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, 237, 205)` looks like.

```
.text, #text, p{  
    color:rgb(250, 237, 205)  
}
```

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, 237, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 237, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 17.103, 92.272 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, 237, 205) }
```

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

```
.border{ border-color:rgb(250, 237, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 237, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 237, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 237, 205);  
box-shadow:4px 4px 4px 4px rgb(250, 237,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 17.103, 92.272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 237, 205) }
```

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

```
.background{ background-color: rgb(250,  
237, 205) }
```

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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