

Converting Colors

CIELCh(94, 17.940, 96.183)

Have a look what the booklet for
CIELCh(94, 17.940, 96.183) contains.

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Color

CIELCh(94, 18.301, 96.886)

Conversions

Conversions Part 1

Format	Color
Hex	F8EECB
RGB	248, 238, 203
RGB Percent	97%, 93%, 80%
CMY	0.0282, 0.0673, 0.2046
CMYK	0.00, 0.04, 0.18, 0.03
HSL	47°, 76%, 88%
HSV	47°, 18%, 97%
XYZ	79.9280, 85.2715, 68.6369
YIQ	237.0000, 17.1950, -8.7650

Conversions

Conversions Part 2

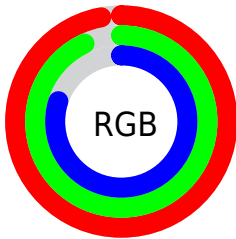
Format	Color
R_{YB}	216, 248, 203
Decimal	16314059
CIE _{Lab}	94.00, -2.19, 18.17
CIE _{LCh}	94, 18.301, 96.886
Yxy	85.2715, 0.3418, 0.3647
Android (android.graphics.Color)	4294504139 (0xFFF8EECB)
YUV	237.0000, -16.7620, 9.6470
Hunter-Lab	92.3426, -7.0971, 20.5704

Details

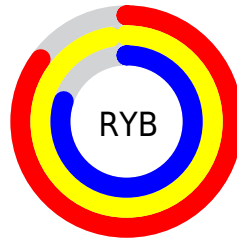
The CIELCh color **94, 18.301, 96.886** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **85, 18.613, 281.443**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 18.108, 96.973** is the 20% darker color. If you saturate the color by 10%, you get **92, 28.488, 95.667**, and if you desaturate by 10%, it is **96, 8.177, 98.075**.

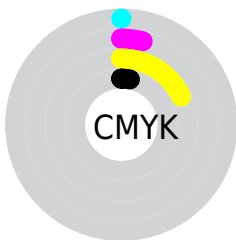
Distribution



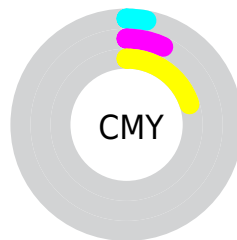
- Red (97%)
- Green (93%)
- Blue (80%)



- Red (85%)
- Yellow (97%)
- Blue (80%)



- Cyan (0%)
- Magenta (4%)
- Yellow (18%)
- Black (3%)



- Cyan (3%)
- Magenta (7%)
- Yellow (20%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 18.301, 96.886 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, 18.301, 96.886 by changing the saturation by 10% instead.

 94, 18.301, 96.886

 94, 18.301, 96.886

 100, 18.301,
96.886

 84, 18.301, 96.886

 74, 18.301, 96.886

 64, 18.301, 96.886

 54, 18.301, 96.886

 44, 18.301, 96.886

 34, 18.301, 96.886

 24, 18.301, 96.886

 14, 18.301, 96.886

 4, 18.301, 96.886

94, 18.301, 96.886

94, 18.301, 96.886

92, 28.488, 95.667

96, 8.177, 98.075

90, 38.662, 94.409

98, 1.853, 279.362

89, 48.692, 93.127

99, 2.280, 208.053

87, 58.346, 91.822

99, 2.488, 199.514

85, 67.225, 90.488

84, 74.704, 89.097

82, 79.966, 87.594

81, 82.419, 85.893

81, 82.722, 85.569

Harmonies

Complementary

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



94, 18.301, 96.886



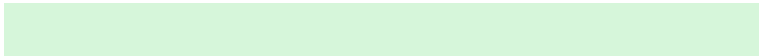
85, 18.613, 281.443

Rectangle

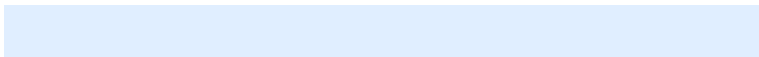
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 18.301, 96.886



94, 18.301, 146.886



94, 18.301, 276.886



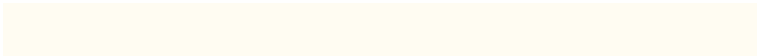
94, 18.301, 326.886

Sweetspot

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



94, 18.303, 96.894



99, 5.118, 98.428



86, 17.511, 2.574



53, 3.494, 98.351



0, 0.000, 0.000



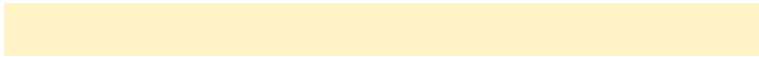
53, 0.007, 296.813

Same Dimension

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



94, 18.303, 96.894



96, 22.735, 96.422



96, 23.330, 119.430



51, 5.743, 97.920



63, 67.505, 85.902



20, 28.863, 88.242

Inverse Universe

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



85, 18.613, 281.443



85, 23.208, 282.045



84, 24.201, 301.770



49, 5.800, 280.230



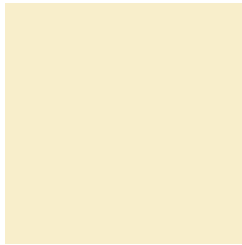
28, 91.155, 301.721



6, 35.254, 296.197

Previews

White Background



This preview shows how the CIELCh color 94, 18.301, 96.886 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, 18.301, 96.886 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

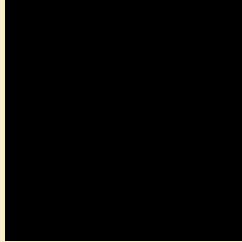
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

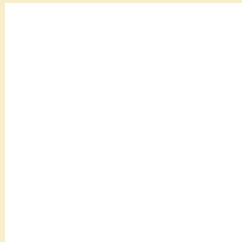
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 18.301, 96.886

Background



This preview shows how black text looks on a background with the CIELCh color 94, 18.301, 96.886.

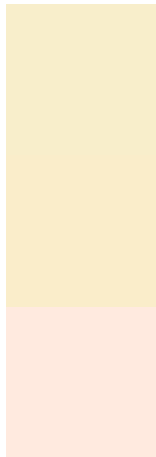


This preview shows how white text looks on a background with the CIELCh color 94, 18.301, 96.886.

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, 18.301, 96.886

Protanopia

94, 18.584, 93.438

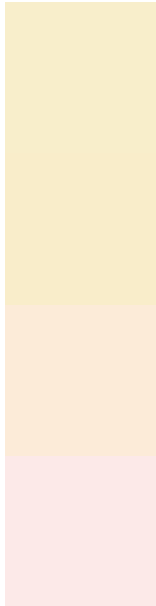
Deuteranopia

94, 9.547, 55.889



Tritanopia
94, 12.357, 331.690

Trichromacy



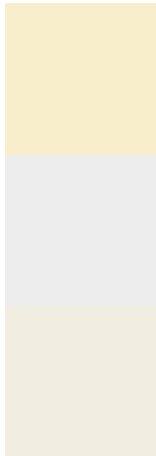
Original Color
94, 18.301, 96.886

Protanomaly
94, 18.486, 94.574

Deuteranomaly
94, 11.599, 76.529

Tritanomaly
94, 6.874, 24.055

Monochromacy



Original Color
94, 18.301, 96.886

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 6.312, 96.415

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 18.301, 96.886 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, 203)` looks like.

```
.text, #text, p{  
    color:rgb(248, 238, 203)  
}
```

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, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 238, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 18.301, 96.886 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, 203) }
```

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

```
.border{ border-color:rgb(248, 238, 203) }
```

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, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 238, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 238, 203);  
box-shadow:4px 4px 4px 4px rgb(248, 238,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 18.301, 96.886 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, 203) }
```

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

```
.background{ background-color: rgb(248,  
238, 203) }
```

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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