

Converting Colors

CIELCh(100, 29.512, 57.907)

Have a look what the booklet for
CIELCh(100, 29.512, 57.907)
contains.

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Color

CIELCh(96, 18.894, 94.945)

Conversions

Conversions Part 1

Format	Color
Hex	FFF3CF
RGB	255, 243, 207
RGB Percent	100%, 95%, 81%
CMY	0.0000, 0.0464, 0.1876
CMYK	0.00, 0.05, 0.19, 0.00
HSL	45°, 100%, 91%
HSV	45°, 19%, 100%
XYZ	84.6868, 90.0078, 72.0462
YIQ	242.4840, 18.7080, -8.6520

Conversions

Conversions Part 2

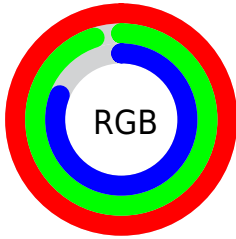
Format	Color
R _Y B	223, 255, 207
Decimal	16774095
CIE Lab	96.00, -1.63, 18.82
CIE LCh	96, 18.894, 94.945
Yxy	90.0078, 0.3432, 0.3648
Android (android.graphics.Color)	4294964175 (0xFFFFF3CF)
YUV	242.4840, -17.4936, 10.9765
Hunter-Lab	94.8724, -6.6908, 21.3858

Details

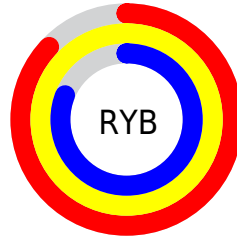
The CIELCh color **96, 18.894, 94.945** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **88, 19.131, 279.958**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 18.715, 94.881** is the 20% darker color. If you saturate the color by 10%, you get **94, 29.088, 93.887**, and if you desaturate by 10%, it is **98, 8.758, 96.355**.

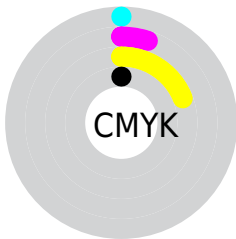
Distribution



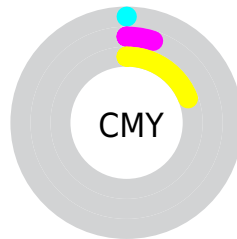
- Red (100%)
- Green (95%)
- Blue (81%)



- Red (87%)
- Yellow (100%)
- Blue (81%)



- Cyan (0%)
- Magenta (5%)
- Yellow (19%)
- Black (0%)



- Cyan (0%)
- Magenta (5%)
- Yellow (19%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 18.894, 94.945 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 96, 18.894, 94.945 by changing the saturation by 10% instead.

 96, 18.894, 94.945

 96, 18.894, 94.945

 100, 18.894,
94.945

 86, 18.894, 94.945

 76, 18.894, 94.945

 66, 18.894, 94.945

 56, 18.894, 94.945

 46, 18.894, 94.945

 36, 18.894, 94.945

 26, 18.894, 94.945

 16, 18.894, 94.945

 6, 18.894, 94.945

96, 18.894, 94.945

96, 18.894, 94.945

94, 29.088, 93.887

98, 8.758, 96.355

92, 39.313, 92.594

100, 0.012,
296.813

90, 49.426, 91.271

88, 59.191, 89.915

86, 68.197, 88.514

85, 75.791, 87.028

83, 81.106, 85.379

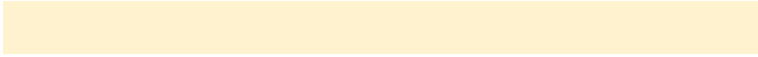
81, 83.563, 83.468

81, 83.780, 83.223

Harmonies

Complementary

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



96, 18.894, 94.945



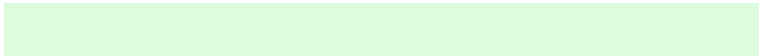
88, 19.131, 279.958

Rectangle

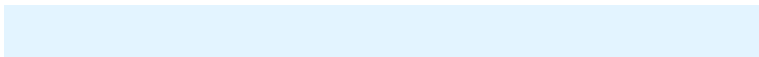
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96, 18.894, 94.945



96, 18.894, 144.945



96, 18.894, 274.945



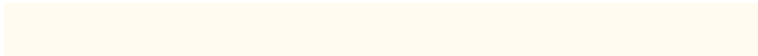
96, 18.894, 324.945

Sweetspot

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



96, 18.880, 95.145



99, 5.986, 96.674



88, 18.654, 1.428



53, 3.973, 96.600



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

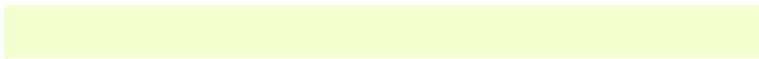
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 18.880, 95.145



95, 23.202, 94.616



98, 24.606, 118.724



52, 5.688, 96.267



63, 67.571, 83.615



21, 29.503, 86.051

Inverse Universe

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



88, 19.131, 279.958



85, 23.584, 280.638



86, 25.576, 301.226



50, 5.733, 278.630



29, 89.364, 300.792



7, 35.773, 295.997

Previews

White Background



This preview shows how the CIELCh color 96, 18.894, 94.945 looks on a white background.

Color Contrast Check

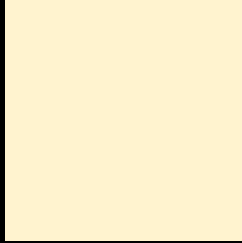
Large Text (above 18pt) WCAG AA × Fail

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 96, 18.894, 94.945 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

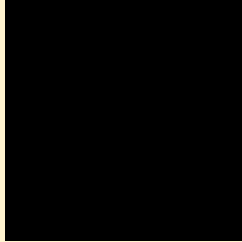
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 96, 18.894, 94.945

Background



This preview shows how black text looks on a background with the CIELCh color 96, 18.894, 94.945.



This preview shows how white text looks on a background with the CIELCh color 96, 18.894, 94.945.

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


96, 18.894, 94.945

Protanopia

96, 16.917, 93.544

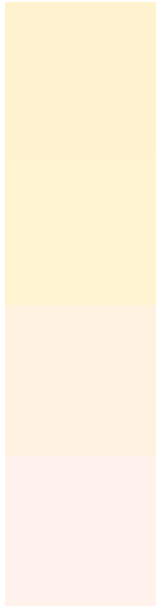
Deuteranopia

96, 6.168, 54.948



Tritanopia
96, 8.376, 332.702

Trichromacy



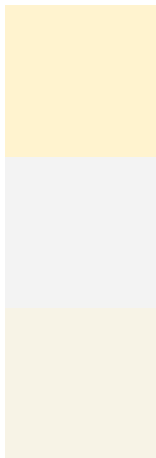
Original Color
96, 18.894, 94.945

Protanomaly
96, 17.410, 93.928

Deuteranomaly
96, 10.336, 82.024

Tritanomaly
96, 5.882, 50.939

Monochromacy



Original Color
96, 18.894, 94.945

Achromatopsia
96, 0.011, 296.813

Achromatomaly
96, 6.781, 97.366

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 18.894, 94.945 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(255, 243, 207)` looks like.

```
.text, #text, p{  
    color:rgb(255, 243, 207)  
}
```

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(255, 243, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 243, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 18.894, 94.945 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(255, 243, 207) }
```

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

```
.border{ border-color:rgb(255, 243, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 243, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 243, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 243, 207);  
box-shadow:4px 4px 4px 4px rgb(255, 243,  
207) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 18.894, 94.945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 243, 207) }
```

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

```
.background{ background-color: rgb(255,  
243, 207) }
```

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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