

Converting Colors

CIELCh(96, 16.135, 91.876)

Have a look what the booklet for
CIELCh(96, 16.135, 91.876) contains.

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Color

CIELCh(96, 16.424, 93.135)

Conversions

Conversions Part 1

Format	Color
Hex	FFF3D4
RGB	255, 243, 212
RGB Percent	100%, 95%, 83%
CMY	0.0005, 0.0475, 0.1691
CMYK	0.00, 0.05, 0.17, 0.00
HSL	43°, 99%, 92%
HSV	43°, 17%, 100%
XYZ	85.0731, 90.0078, 75.0947
YIQ	243.0540, 17.1030, -7.0970

Conversions

Conversions Part 2

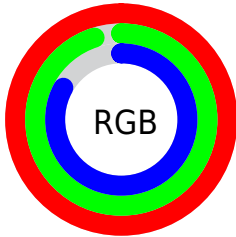
Format	Color
R_{YB}	229, 255, 212
Decimal	16774100
CIE Lab	96.00, -0.90, 16.40
CIE LCh	96, 16.424, 93.135
Yxy	90.0078, 0.3401, 0.3598
Android (android.graphics.Color)	4294964180 (0xFFFFF3D4)
YUV	243.0540, -15.3096, 10.4766
Hunter-Lab	94.8724, -5.9640, 19.4807

Details

The CIELCh color **96, 16.424, 93.135** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **89, 16.537, 277.536**, 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, 16.641, 93.466** is the 20% darker color. If you saturate the color by 10%, you get **94, 26.348, 91.863**, and if you desaturate by 10%, it is **98, 6.631, 94.367**.

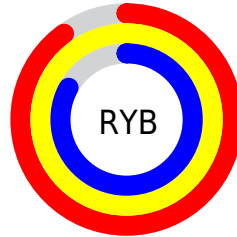
Distribution



Red (100%)

Green (95%)

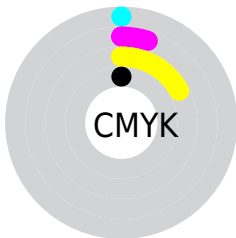
Blue (83%)



Red (90%)

Yellow (100%)

Blue (83%)

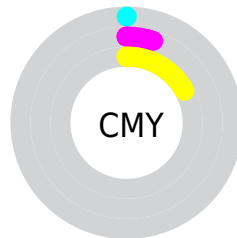


Cyan (0%)

Magenta (5%)

Yellow (17%)

Black (0%)



Cyan (0%)

Magenta (5%)

Yellow (17%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 16.424, 93.135 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, 16.424, 93.135 by changing the saturation by 10% instead.

 96, 16.424, 93.135

 96, 16.424, 93.135

 100, 16.424,
93.135

 86, 16.424, 93.135

 76, 16.424, 93.135

 66, 16.424, 93.135

 56, 16.424, 93.135

 46, 16.424, 93.135

 36, 16.424, 93.135

 26, 16.424, 93.135

 16, 16.424, 93.135

 6, 16.424, 93.135

96, 16.424, 93.135

96, 16.424, 93.135

94, 26.348, 91.863

98, 6.631, 94.367

92, 36.349, 90.541

100, 0.045,
214.378

89, 46.326, 89.183

87, 56.084, 87.785

85, 65.269, 86.329

83, 73.291, 84.770

82, 79.293, 83.019

80, 82.440, 80.934

79, 83.047, 80.235

Harmonies

Complementary

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



96, 16.424, 93.135



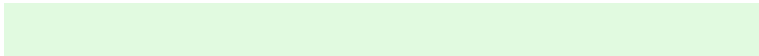
89, 16.537, 277.536

Rectangle

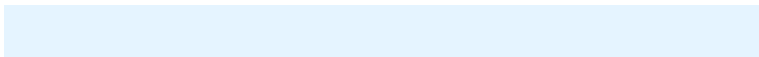
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96, 16.424, 93.135



96, 16.424, 143.135



96, 16.424, 273.135



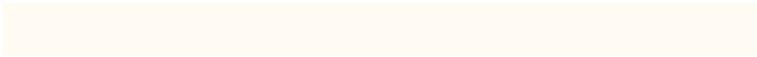
96, 16.424, 323.135

Sweetspot

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



96, 16.426, 93.144



99, 4.819, 94.581



89, 16.927, 358.808



53, 3.290, 94.502



0, 0.000, 0.000



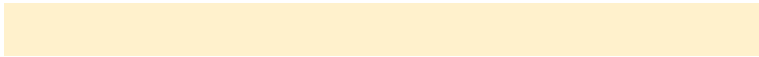
53, 0.007, 296.813

Same Dimension

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



96, 16.426, 93.144



95, 19.528, 92.748



98, 22.034, 117.508



52, 5.505, 94.053



61, 66.986, 80.687



20, 28.927, 83.309

Inverse Universe

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



89, 16.537, 277.536



87, 19.682, 278.028



87, 22.836, 299.879



50, 5.533, 276.475



30, 85.662, 299.435



7, 34.361, 294.623

Previews

White Background



This preview shows how the CIE LCh color 96, 16.424, 93.135 looks on a white background.

Color Contrast Check

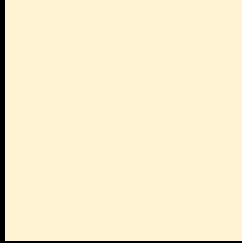
Large Text (above 18pt) WCAG AA × Fail

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, 16.424, 93.135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

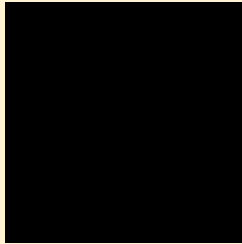
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 96, 16.424, 93.135

Background



This preview shows how black text looks on a background with the CIELCh color 96, 16.424, 93.135.



This preview shows how white text looks on a background with the CIELCh color 96, 16.424, 93.135.

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, 16.424, 93.135

Protanopia

96, 16.424, 93.135

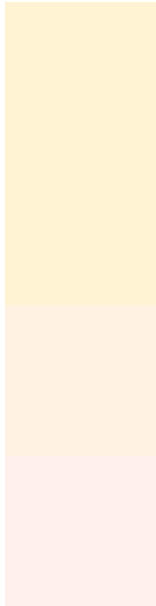
Deuteranopia

96, 5.882, 50.939



Tritanopia
96, 8.376, 332.702

Trichromacy



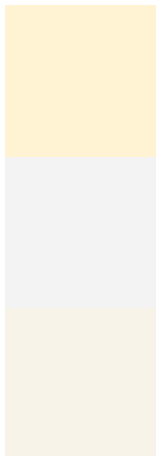
Original Color
96, 16.424, 93.135

Protanomaly
96, 16.424, 93.135

Deuteranomaly
96, 8.990, 77.754

Tritanomaly
96, 5.587, 35.538

Monochromacy



Original Color
96, 16.424, 93.135

Achromatopsia
96, 0.011, 296.813

Achromatomaly
96, 5.784, 95.331

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 16.424, 93.135 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, 212)` looks like.

```
.text, #text, p{  
    color:rgb(255, 243, 212)  
}
```

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, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 243, 212) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 16.424, 93.135 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, 212) }
```

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

```
.border{ border-color:rgb(255, 243, 212) }
```

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, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 243, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 243, 212);  
box-shadow:4px 4px 4px 4px rgb(255, 243,  
212) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 16.424, 93.135 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, 212) }
```

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

```
.background{ background-color: rgb(255,  
243, 212) }
```

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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