

Converting Colors

CIELCh(96, 19.579, 94.861)

Have a look what the booklet for
CIELCh(96, 19.579, 94.861) contains.

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Color

CIELCh(96, 19.389, 95.245)

Conversions

Conversions Part 1

Format	Color
Hex	FFF3CE
RGB	255, 243, 206
RGB Percent	100%, 95%, 81%
CMY	0.0000, 0.0461, 0.1913
CMYK	0.00, 0.05, 0.19, 0.00
HSL	46°, 100%, 90%
HSV	46°, 19%, 100%
XYZ	84.6109, 90.0078, 71.4474
YIQ	242.3700, 19.0290, -8.9630

Conversions

Conversions Part 2

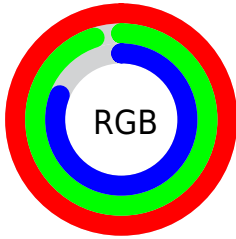
Format	Color
R _Y B	222, 255, 206
Decimal	16774094
CIE Lab	96.00, -1.77, 19.31
CIE LCh	96, 19.389, 95.245
Yxy	90.0078, 0.3439, 0.3658
Android (android.graphics.Color)	4294964174 (0xFFFFF3CE)
YUV	242.3700, -17.9304, 11.0765
Hunter-Lab	94.8724, -6.8336, 21.7600

Details

The CIELCh color **96, 19.389, 95.245** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **87, 19.653, 280.399**, 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, 19.235, 95.180** is the 20% darker color. If you saturate the color by 10%, you get **94, 29.631, 94.251**, and if you desaturate by 10%, it is **98, 9.187, 96.712**.

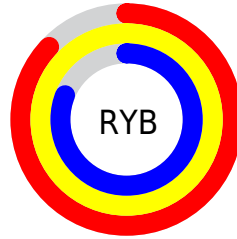
Distribution



Red (100%)

Green (95%)

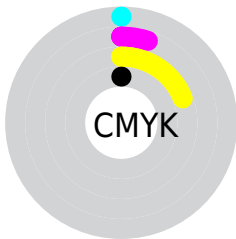
Blue (81%)



Red (87%)

Yellow (100%)

Blue (81%)

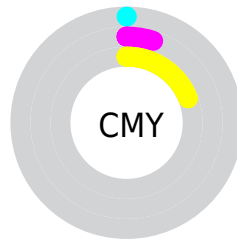


Cyan (0%)

Magenta (5%)

Yellow (19%)

Black (0%)



Cyan (0%)

Magenta (5%)

Yellow (19%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 19.389, 95.245 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, 19.389, 95.245 by changing the saturation by 10% instead.

 96, 19.389, 95.245

 96, 19.389, 95.245

 100, 19.389,
95.245

 86, 19.389, 95.245

 76, 19.389, 95.245

 66, 19.389, 95.245

 56, 19.389, 95.245

 46, 19.389, 95.245

 36, 19.389, 95.245

 26, 19.389, 95.245

 16, 19.389, 95.245

 6, 19.389, 95.245

96, 19.389, 95.245

96, 19.389, 95.245

94, 29.631, 94.251

98, 9.187, 96.712

92, 39.897, 92.964

100, 0.012,
296.813

90, 50.033, 91.649

88, 59.794, 90.303

87, 68.760, 88.914

85, 76.267, 87.444

83, 81.447, 85.818

82, 83.791, 83.945

82, 83.941, 83.777

Harmonies

Complementary

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



96, 19.389, 95.245



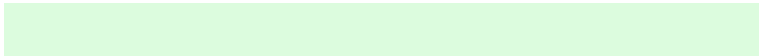
87, 19.653, 280.399

Rectangle

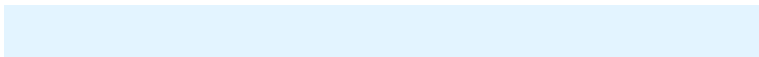
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96, 19.389, 95.245



96, 19.389, 145.245



96, 19.389, 275.245



96, 19.389, 325.245

Sweetspot

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



96, 19.370, 95.504



99, 6.023, 97.073



87, 19.036, 1.473



53, 3.998, 96.999



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, 19.370, 95.504



95, 23.337, 95.023



98, 25.088, 118.700



52, 5.724, 96.667



63, 67.704, 84.158



21, 29.619, 86.552

Inverse Universe

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



87, 19.653, 280.399



85, 23.751, 281.019



85, 26.098, 301.256



50, 5.772, 279.019



29, 90.039, 301.028



7, 36.025, 296.227

Previews

White Background



This preview shows how the CIE LCh color 96, 19.389, 95.245 looks on a white background.

Color Contrast Check

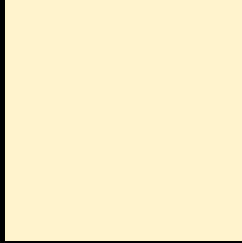
Large Text (above 18pt) WCAG AA × Fail

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, 19.389, 95.245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

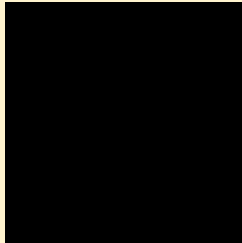
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 96, 19.389, 95.245

Background



This preview shows how black text looks on a background with the CIELCh color 96, 19.389, 95.245.



This preview shows how white text looks on a background with the CIELCh color 96, 19.389, 95.245.

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, 19.389, 95.245

Protanopia

96, 17.410, 93.928

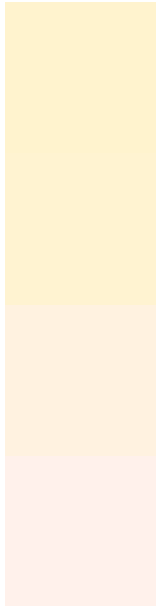
Deuteranopia

96, 6.168, 54.948



Tritanopia
96, 8.376, 332.702

Trichromacy



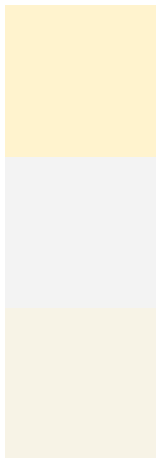
Original Color
96, 19.389, 95.245

Protanomaly
96, 17.904, 94.288

Deuteranomaly
96, 10.336, 82.024

Tritanomaly
96, 5.882, 50.939

Monochromacy



Original Color
96, 19.389, 95.245

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, 19.389, 95.245 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, 206)` looks like.

```
.text, #text, p{  
    color:rgb(255, 243, 206)  
}
```

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, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 243, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 19.389, 95.245 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, 206) }
```

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

```
.border{ border-color:rgb(255, 243, 206) }
```

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, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 243, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 243, 206);  
box-shadow:4px 4px 4px 4px rgb(255, 243,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 19.389, 95.245 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, 206) }
```

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

```
.background{ background-color: rgb(255,  
243, 206) }
```

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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