

Converting Colors

CIELCh(96, 16.323, 89.852)

Have a look what the booklet for
CIELCh(96, 16.323, 89.852) contains.

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Color

CIELCh(96, 16.055, 91.403)

Conversions

Conversions Part 1

Format	Color
Hex	FFF3D5
RGB	255, 243, 213
RGB Percent	100%, 95%, 84%
CMY	0.0000, 0.0487, 0.1664
CMYK	0.00, 0.05, 0.17, 0.00
HSL	42°, 100%, 92%
HSV	42°, 17%, 100%
XYZ	85.3409, 90.0078, 75.5409
YIQ	243.1680, 16.7820, -6.7860

Conversions

Conversions Part 2

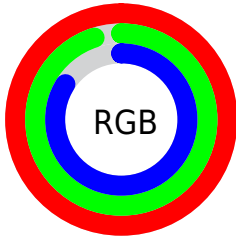
Format	Color
R_{YB}	230, 255, 213
Decimal	16774101
CIE Lab	96.00, -0.39, 16.05
CIE LCh	96, 16.055, 91.403
Yxy	90.0078, 0.3402, 0.3588
Android (android.graphics.Color)	4294964181 (0xFFFFF3D5)
YUV	243.1680, -14.8728, 10.3767
Hunter-Lab	94.8724, -5.4601, 19.2019

Details

The CIELCh color **96, 16.055, 91.403** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **89, 16.060, 276.542**, 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, 16.124, 93.046** is the 20% darker color. If you saturate the color by 10%, you get **94, 25.805, 90.883**, and if you desaturate by 10%, it is **98, 6.320, 93.406**.

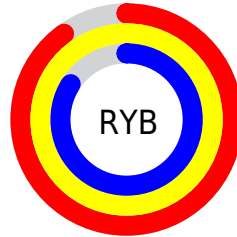
Distribution



Red (100%)

Green (95%)

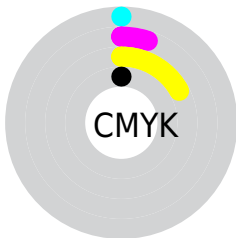
Blue (84%)



Red (90%)

Yellow (100%)

Blue (84%)

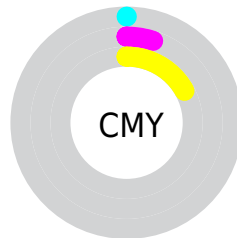


Cyan (0%)

Magenta (5%)

Yellow (17%)

Black (0%)



Cyan (0%)

Magenta (5%)

Yellow (17%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 16.055, 91.403 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, 16.055, 91.403 by changing the saturation by 10% instead.

 96, 16.055, 91.403

 96, 16.055, 91.403

 100, 16.055,
91.403

 86, 16.055, 91.403

 76, 16.055, 91.403

 66, 16.055, 91.403

 56, 16.055, 91.403

 46, 16.055, 91.403

 36, 16.055, 91.403

 26, 16.055, 91.403

 16, 16.055, 91.403

 6, 16.055, 91.403

96, 16.055, 91.403

96, 16.055, 91.403

94, 25.805, 90.883

98, 6.320, 93.406

91, 35.718, 89.549

100, 0.012,
296.813

89, 45.635, 88.177

87, 55.370, 86.761

85, 64.584, 85.282

83, 72.695, 83.692

81, 78.850, 81.892

79, 82.173, 79.729

79, 82.862, 78.943

Harmonies

Complementary

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



96, 16.055, 91.403



89, 16.060, 276.542

Rectangle

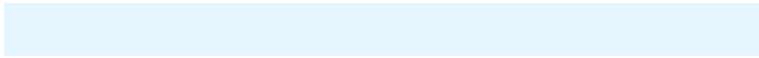
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96, 16.055, 91.403



96, 16.055, 141.403



96, 16.055, 271.403



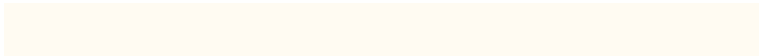
96, 16.055, 321.403

Sweetspot

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



96, 15.990, 92.175



99, 4.751, 93.594



89, 16.819, 357.610



53, 3.244, 93.514



0, 0.000, 0.000



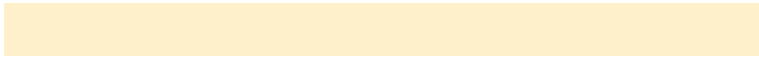
53, 0.007, 296.813

Same Dimension

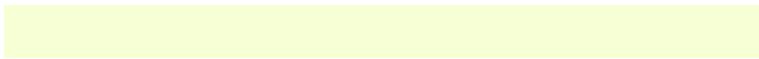
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 15.990, 92.175



95, 19.275, 91.746



98, 21.700, 116.849



52, 5.429, 93.063



60, 66.800, 79.420



20, 28.700, 82.102

Inverse Universe

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



89, 16.060, 276.542



87, 19.371, 277.074



87, 22.490, 299.259



50, 5.450, 275.508



31, 84.032, 298.802



7, 33.723, 293.950

Previews

White Background



This preview shows how the CIE LCh color 96, 16.055, 91.403 looks on a white background.

Color Contrast Check

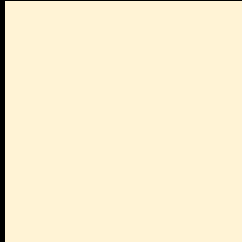
Large Text (above 18pt) WCAG AA × Fail

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, 16.055, 91.403 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

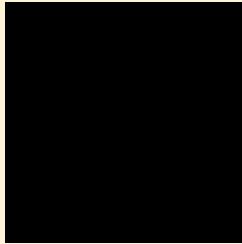
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 96, 16.055, 91.403

Background



This preview shows how black text looks on a background with the CIELCh color 96, 16.055, 91.403.



This preview shows how white text looks on a background with the CIELCh color 96, 16.055, 91.403.

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, 15.933, 92.698

Protanopia

96, 15.933, 92.698

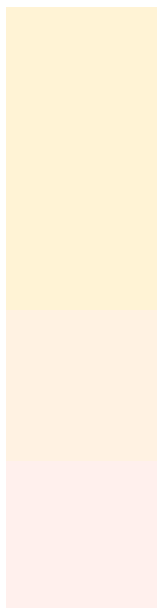
Deuteranopia

96, 6.168, 54.948



Tritanopia
96, 8.376, 332.702

Trichromacy



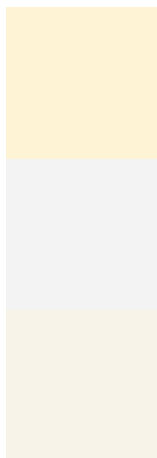
Original Color
96, 15.933, 92.698

Protanomaly
96, 15.933, 92.698

Deuteranomaly
96, 9.432, 79.316

Tritanomaly
96, 5.587, 35.538

Monochromacy



Original Color
96, 15.933, 92.698

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, 16.055, 91.403 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, 213)` looks like.

```
.text, #text, p{  
    color:rgb(255, 243, 213)  
}
```

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, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 243, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 16.055, 91.403 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, 213) }
```

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

```
.border{ border-color:rgb(255, 243, 213) }
```

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, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 243, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 243, 213);  
box-shadow:4px 4px 4px 4px rgb(255, 243,  
213) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 16.055, 91.403 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, 213) }
```

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

```
.background{ background-color: rgb(255,  
243, 213) }
```

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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