

Converting Colors

CIELCh(100, 26.103, 54.340)

Have a look what the booklet for
CIELCh(100, 26.103, 54.340)
contains.

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Color

CIELCh(96, 15.326, 93.577)

Conversions

Conversions Part 1

Format	Color
Hex	FEF3D6
RGB	254, 243, 214
RGB Percent	100%, 95%, 84%
CMY	0.0041, 0.0471, 0.1608
CMYK	0.00, 0.04, 0.16, 0.00
HSL	44°, 95%, 92%
HSV	44°, 16%, 100%
XYZ	85.0424, 90.0078, 76.5101
YIQ	242.9830, 15.8650, -6.6870

Conversions

Conversions Part 2

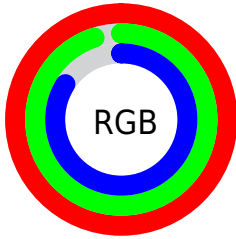
Format	Color
R _Y B	229, 254, 214
Decimal	16708566
CIE Lab	96.00, -0.96, 15.30
CIE LCh	96, 15.326, 93.577
Yxy	90.0078, 0.3381, 0.3578
Android (android.graphics.Color)	4294898646 (0xFFFEF3D6)
YUV	242.9830, -14.2886, 9.6619
Hunter-Lab	94.8724, -6.0218, 18.5961

Details

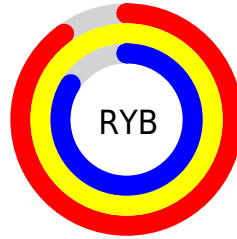
The CIELCh color **96, 15.326, 93.577** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **90, 15.436, 277.651**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 15.501, 94.007** is the 20% darker color. If you saturate the color by 10%, you get **94, 25.244, 92.314**, and if you desaturate by 10%, it is **98, 5.538, 94.795**.

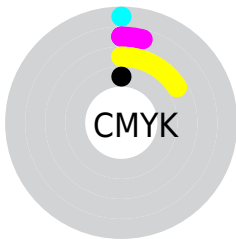
Distribution



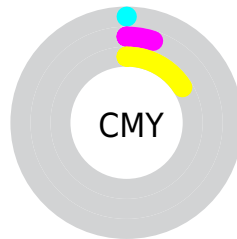
- Red (100%)
- Green (95%)
- Blue (84%)



- Red (90%)
- Yellow (100%)
- Blue (84%)



- Cyan (0%)
- Magenta (4%)
- Yellow (16%)
- Black (0%)



- Cyan (0%)
- Magenta (5%)
- Yellow (16%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 15.326, 93.577 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, 15.326, 93.577 by changing the saturation by 10% instead.

 96, 15.326, 93.577

 96, 15.326, 93.577

 100, 15.326,
93.577

 86, 15.326, 93.577

 76, 15.326, 93.577

 66, 15.326, 93.577

 56, 15.326, 93.577

 46, 15.326, 93.577

 36, 15.326, 93.577

 26, 15.326, 93.577

 16, 15.326, 93.577

 6, 15.326, 93.577

96, 15.326, 93.577

96, 15.326, 93.577

94, 25.244, 92.314

98, 5.538, 94.795

92, 35.240, 91.002

100, 0.359,
201.229

89, 45.220, 89.653

87, 55.001, 88.266

85, 64.250, 86.825

84, 72.407, 85.293

82, 78.646, 83.587

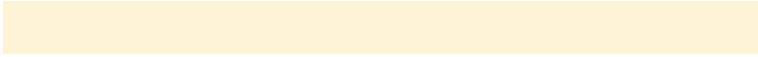
80, 82.096, 81.575

79, 82.901, 80.634

Harmonies

Complementary

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



96, 15.326, 93.577



90, 15.436, 277.651

Rectangle

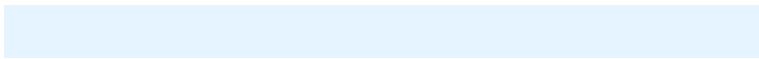
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96, 15.326, 93.577



96, 15.326, 143.577



96, 15.326, 273.577



96, 15.326, 323.577

Sweetspot

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



96, 15.328, 93.586



99, 4.840, 94.878



89, 15.709, 358.676



53, 3.305, 94.799



0, 0.000, 0.000



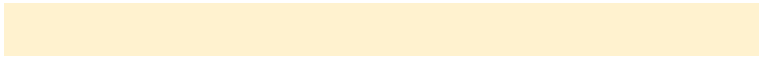
53, 0.007, 296.813

Same Dimension

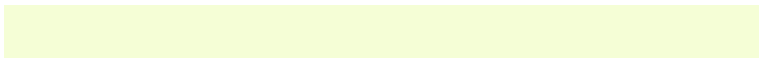
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 15.328, 93.586



96, 18.613, 93.176



98, 20.500, 117.585



52, 5.528, 94.351



61, 67.051, 81.073



20, 28.998, 83.675

Inverse Universe

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



90, 15.436, 277.651



88, 18.768, 278.155



87, 21.195, 299.786



50, 5.559, 276.765



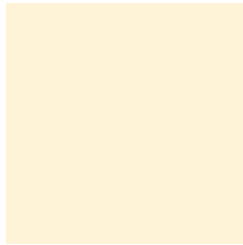
30, 86.156, 299.622



7, 34.552, 294.818

Previews

White Background



This preview shows how the CIELCh color 96, 15.326, 93.577 looks on a white background.

Color Contrast Check

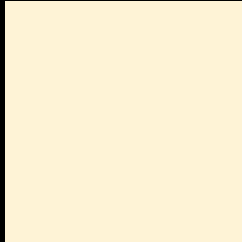
Large Text (above 18pt) WCAG AA × Fail

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, 15.326, 93.577 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

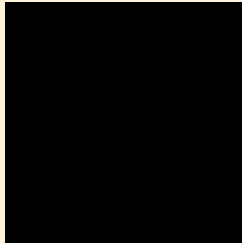
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

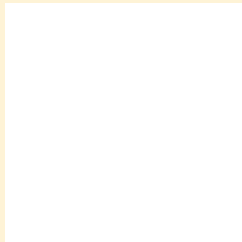
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 15.326, 93.577

Background



This preview shows how black text looks on a background with the CIELCh color 96, 15.326, 93.577.



This preview shows how white text looks on a background with the CIELCh color 96, 15.326, 93.577.

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, 15.338, 93.570

Protanopia

96, 15.442, 92.231

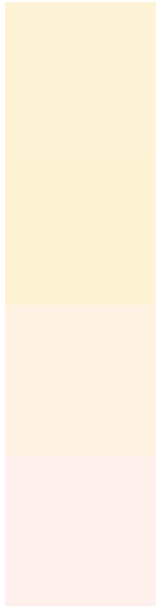
Deuteranopia

96, 5.882, 50.939



Tritanopia
96, 8.758, 330.441

Trichromacy



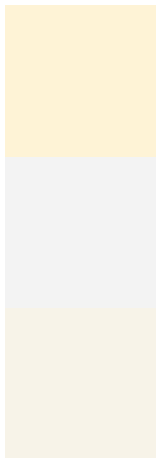
Original Color
96, 15.338, 93.570

Protanomaly
96, 15.442, 92.231

Deuteranomaly
96, 8.990, 77.754

Tritanomaly
96, 5.464, 30.405

Monochromacy



Original Color
96, 15.338, 93.570

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, 15.326, 93.577 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(254, 243, 214)` looks like.

```
.text, #text, p{  
    color:rgb(254, 243, 214)  
}
```

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(254, 243, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 243, 214) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 15.326, 93.577 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(254, 243, 214) }
```

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

```
.border{ border-color:rgb(254, 243, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 243, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 243, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 243, 214);  
box-shadow:4px 4px 4px 4px rgb(254, 243,  
214) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 15.326, 93.577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 243, 214) }
```

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

```
.background{ background-color: rgb(254,  
243, 214) }
```

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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