

Converting Colors

CIELCh(100, 36.552, 70.837)

Have a look what the booklet for
CIELCh(100, 36.552, 70.837)
contains.

CIELCh(96, 29.186, 100.340)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(96, 29.186, 100.340)

Conversions

Conversions Part 1

Format	Color
Hex	FFF5BC
RGB	255, 245, 188
RGB Percent	100%, 96%, 74%
CMY	0.0009, 0.0401, 0.2636
CMYK	0.00, 0.04, 0.26, 0.00
HSL	51°, 99%, 87%
HSV	51°, 26%, 100%
XYZ	82.7948, 90.0078, 60.4655
YIQ	241.4920, 24.2570, -15.6070

Conversions

Conversions Part 2

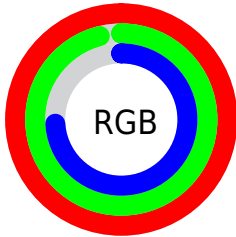
Format	Color
R _Y B	200, 255, 188
Decimal	16774588
CIE Lab	96.00, -5.24, 28.71
CIE LCh	96, 29.186, 100.340
Yxy	90.0078, 0.3549, 0.3859
Android (android.graphics.Color)	4294964668 (0xFFFFF5BC)
YUV	241.4920, -26.3716, 11.8465
Hunter-Lab	94.8724, -10.2505, 28.6231

Details

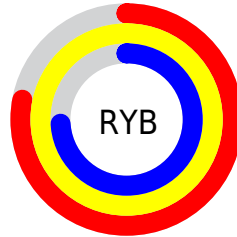
The CIELCh color **96, 29.186, 100.340** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **81, 30.397, 286.813**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 5.566, 109.748**, and **76, 29.459, 100.186** is the 20% darker color. If you saturate the color by 10%, you get **95, 40.211, 99.187**, and if you desaturate by 10%, it is **97, 18.075, 101.485**.

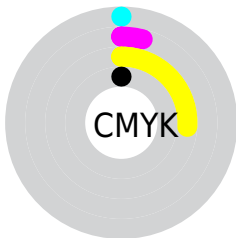
Distribution



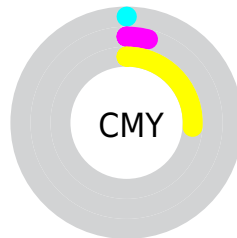
- Red (100%)
- Green (96%)
- Blue (74%)



- Red (78%)
- Yellow (100%)
- Blue (74%)



- Cyan (0%)
- Magenta (4%)
- Yellow (26%)
- Black (0%)





- Cyan (0%)
- Magenta (4%)
- Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 96, 29.186, 100.340 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, 29.186, 100.340 by changing the saturation by 10% instead.


 96, 29.186,
100.340


 96, 29.186,
100.340


 100, 29.186,
100.340


 86, 29.186,
100.340

 76, 29.186,
100.340

 66, 29.186,
100.340

 56, 29.186,
100.340

 46, 29.186,
100.340

 36, 29.186,
100.340

 26, 29.186,

100.340

■ 16, 29.186,
100.340

■ 6, 29.186, 100.340

■ 96, 29.186,
100.340

■ 96, 29.186,
100.340

■ 95, 40.211, 99.187

■ 97, 18.075,
101.485

■ 93, 50.997, 98.023

■ 99, 6.960, 102.588

■ 92, 61.295, 96.864

100, 0.079,
207.839

■ 91, 70.698, 95.722

■ 90, 78.597, 94.599

■ 89, 84.226, 93.485

■ 88, 86.970, 92.344

■ 87, 87.475, 91.912

Harmonies

Complementary

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



96, 29.186, 100.340



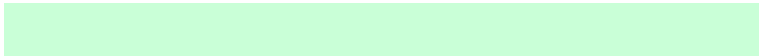
81, 30.397, 286.813

Rectangle

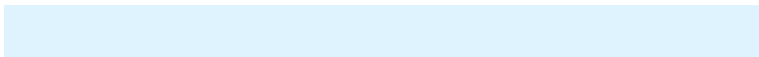
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96, 29.186, 100.340



96, 29.186, 150.340



96, 29.186, 280.340



96, 29.186, 330.340

Sweetspot

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



96, 29.188, 100.345



99, 8.863, 102.404



82, 25.919, 9.913



53, 6.302, 102.240



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

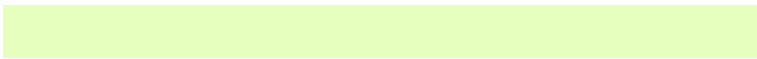
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 29.188, 100.345



95, 35.524, 99.685



97, 34.949, 122.236



53, 6.302, 102.240



67, 70.606, 92.123



23, 31.631, 93.699

Inverse Universe

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



81, 30.397, 286.813



77, 37.398, 287.790



80, 36.703, 305.277



49, 6.397, 284.414



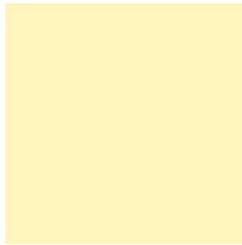
26, 99.214, 303.954



5, 39.381, 298.910

Previews

White Background



This preview shows how the CIE LCh color 96, 29.186, 100.340 looks on a white background.

Color Contrast Check

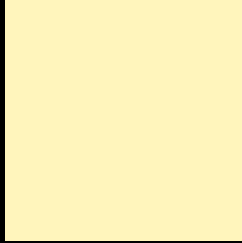
Large Text (above 18pt) WCAG AA × Fail

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, 29.186, 100.340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

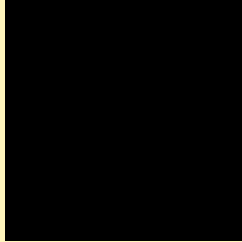
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 96, 29.186, 100.340

Background



This preview shows how black text looks on a background with the CIELCh color 96, 29.186, 100.340.

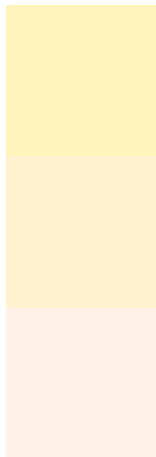


This preview shows how white text looks on a background with the CIELCh color 96, 29.186, 100.340.

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, 29.186, 100.340

Protanopia

96, 18.894, 94.945

Deuteranopia

96, 7.181, 64.819



Tritanopia
96, 8.008, 335.179

Trichromacy



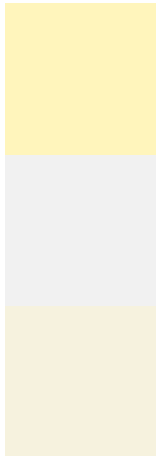
Original Color
96, 29.186, 100.340

Protanomaly
96, 22.778, 97.881

Deuteranomaly
96, 14.595, 89.788

Tritanomaly
96, 8.771, 74.019

Monochromacy



Original Color
96, 29.186, 100.340

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 10.314, 101.236

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 29.186, 100.340 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, 245, 188)` looks like.

```
.text, #text, p{  
    color:rgb(255, 245, 188)  
}
```

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, 245, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 245, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 29.186, 100.340 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, 245, 188) }
```

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

```
.border{ border-color:rgb(255, 245, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 245, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 245, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 245, 188);  
box-shadow:4px 4px 4px 4px rgb(255, 245,  
188) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 29.186, 100.340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 245, 188) }
```

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

```
.background{ background-color: rgb(255,  
245, 188) }
```

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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