

Converting Colors

CIELCh(96, 28.534, 99.853)

Have a look what the booklet for
CIELCh(96, 28.534, 99.853) contains.

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Color

CIELCh(96, 28.688, 100.257)

Conversions

Conversions Part 1

Format	Color
Hex	FFF5BD
RGB	255, 245, 189
RGB Percent	100%, 96%, 74%
CMY	0.0011, 0.0403, 0.2599
CMYK	0.00, 0.04, 0.26, 0.00
HSL	51°, 99%, 87%
HSV	51°, 26%, 100%
XYZ	82.8626, 90.0078, 60.9995
YIQ	241.6060, 23.9360, -15.2960

Conversions

Conversions Part 2

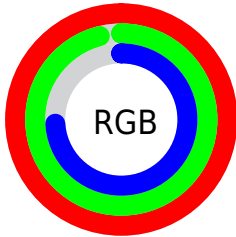
Format	Color
R _Y B	201, 255, 189
Decimal	16774589
CIE Lab	96.00, -5.11, 28.23
CIE LCh	96, 28.688, 100.257
Yxy	90.0078, 0.3543, 0.3849
Android (android.graphics.Color)	4294964669 (0xFFFFF5BD)
YUV	241.6060, -25.9348, 11.7465
Hunter-Lab	94.8724, -10.1229, 28.2894

Details

The CIELCh color **96, 28.688, 100.257** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **81, 29.845, 286.634**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 4.553, 109.821**, and **76, 28.941, 100.118** is the 20% darker color. If you saturate the color by 10%, you get **95, 39.697, 99.102**, and if you desaturate by 10%, it is **97, 17.601, 101.403**.

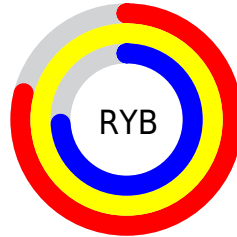
Distribution



Red (100%)

Green (96%)

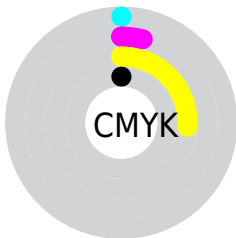
Blue (74%)



Red (79%)

Yellow (100%)

Blue (74%)

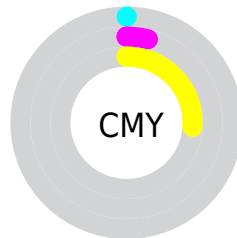


Cyan (0%)

Magenta (4%)

Yellow (26%)

Black (0%)



Cyan (0%)


Magenta (4%)


Yellow (26%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 28.688, 100.257 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, 28.688, 100.257 by changing the saturation by 10% instead.

 96, 28.688,
100.257


 96, 28.688,
100.257

 100, 28.688,
100.257


 86, 28.688,
100.257

 76, 28.688,
100.257

 66, 28.688,
100.257

 56, 28.688,
100.257

 46, 28.688,
100.257

 36, 28.688,
100.257

 26, 28.688,

100.257

■ 16, 28.688,
100.257

■ 6, 28.688, 100.257

■ 96, 28.688,
100.257

■ 96, 28.688,
100.257

■ 95, 39.697, 99.102

■ 97, 17.601,
101.403

■ 93, 50.478, 97.934

■ 99, 6.513, 102.506

■ 92, 60.788, 96.770

100, 0.097,
206.256

■ 91, 70.228, 95.621

■ 90, 78.197, 94.489

■ 89, 83.931, 93.364

■ 88, 86.794, 92.210

■ 87, 87.351, 91.725

Harmonies

Complementary

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



96, 28.688, 100.257



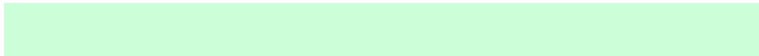
81, 29.845, 286.634

Rectangle

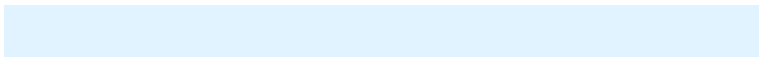
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96, 28.688, 100.257



96, 28.688, 150.257



96, 28.688, 280.257



96, 28.688, 330.257

Sweetspot

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



96, 28.690, 100.262



99, 8.842, 102.281



83, 25.574, 8.584



53, 6.287, 102.116



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, 28.690, 100.262



95, 34.347, 99.672



97, 34.324, 121.606



53, 6.287, 102.116



67, 70.517, 91.940



23, 31.577, 93.537

Inverse Universe

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



81, 29.845, 286.634



78, 36.068, 287.498



80, 36.062, 304.680



49, 6.382, 284.295



26, 99.023, 303.898



5, 39.309, 298.859

Previews

White Background



This preview shows how the CIE LCh color 96, 28.688, 100.257 looks on a white background.

Color Contrast Check

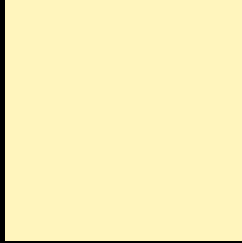
Large Text (above 18pt) WCAG AA × Fail

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, 28.688, 100.257 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

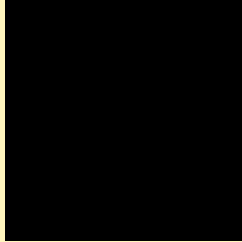
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 96, 28.688, 100.257

Background



This preview shows how black text looks on a background with the CIELCh color 96, 28.688, 100.257.



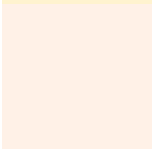


This preview shows how white text looks on a background with the CIELCh color 96, 28.688, 100.257.

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](#).

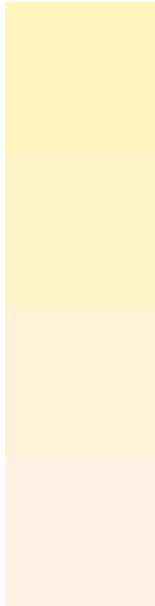
Dichromacy

	Original Color 96, 28.688, 100.257
	Protanopia 96, 18.894, 94.945
	Deuteranopia 96, 7.181, 64.819



Tritanopia
96, 8.008, 335.179

Trichromacy



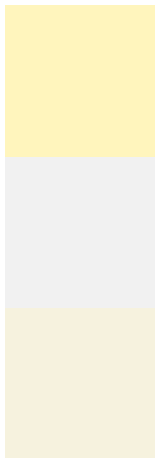
Original Color
96, 28.688, 100.257

Protanomaly
96, 22.778, 97.881

Deuteranomaly
96, 14.112, 89.169

Tritanomaly
96, 8.355, 72.056

Monochromacy



Original Color
96, 28.688, 100.257

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, 28.688, 100.257 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, 189)` looks like.

```
.text, #text, p{  
    color:rgb(255, 245, 189)  
}
```

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, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 245, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 28.688, 100.257 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, 189) }
```

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

```
.border{ border-color:rgb(255, 245, 189) }
```

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, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 245, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 245, 189);  
box-shadow:4px 4px 4px 4px rgb(255, 245,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 28.688, 100.257 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, 189) }
```

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

```
.background{ background-color: rgb(255,  
245, 189) }
```

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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