

Converting Colors

CIE LCh(96, 21.754, 96.106)

Have a look what the booklet for
CIELCh(96, 21.754, 96.106) contains.

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Color

CIELCh(96, 21.376, 96.287)

Conversions

Conversions Part 1

Format	Color
Hex	FFF3CA
RGB	255, 243, 202
RGB Percent	100%, 95%, 79%
CMY	0.0000, 0.0452, 0.2061
CMYK	0.00, 0.05, 0.21, 0.00
HSL	47°, 100%, 90%
HSV	47°, 21%, 100%
XYZ	84.3113, 90.0078, 69.0819
YIQ	241.9140, 20.3130, -10.2070

Conversions

Conversions Part 2

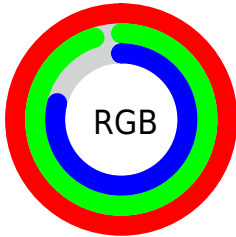
Format	Color
R _Y B	218, 255, 202
Decimal	16774090
CIE Lab	96.00, -2.34, 21.25
CIE LCh	96, 21.376, 96.287
Yxy	90.0078, 0.3464, 0.3698
Android (android.graphics.Color)	4294964170 (0xFFFFF3CA)
YUV	241.9140, -19.6776, 11.4764
Hunter-Lab	94.8724, -7.3973, 23.2384

Details

The CIELCh color **96, 21.376, 96.287** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **86, 21.764, 281.979**, 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, 21.316, 96.204** is the 20% darker color. If you saturate the color by 10%, you get **94, 31.792, 95.523**, and if you desaturate by 10%, it is **98, 10.933, 97.952**.

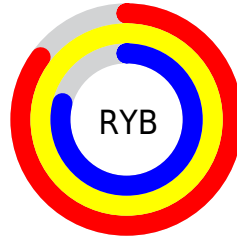
Distribution



Red (100%)

Green (95%)

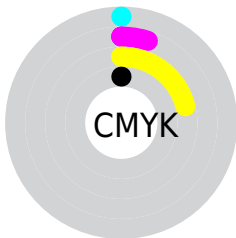
Blue (79%)



Red (85%)

Yellow (100%)

Blue (79%)

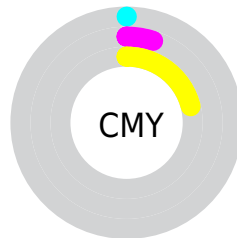


Cyan (0%)

Magenta (5%)

Yellow (21%)

Black (0%)



Cyan (0%)

Magenta (5%)

Yellow (21%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 21.376, 96.287 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, 21.376, 96.287 by changing the saturation by 10% instead.

 96, 21.376, 96.287

 96, 21.376, 96.287

 100, 21.376,
96.287

 86, 21.376, 96.287

 76, 21.376, 96.287

 66, 21.376, 96.287

 56, 21.376, 96.287

 46, 21.376, 96.287

 36, 21.376, 96.287

 26, 21.376, 96.287

 16, 21.376, 96.287

 6, 21.376, 96.287

96, 21.376, 96.287

96, 21.376, 96.287

94, 31.792, 95.523

98, 10.933, 97.952

92, 42.202, 94.261

100, 0.615, 98.806

91, 52.411, 92.975

100, 0.012,
296.813

89, 62.144, 91.667

87, 70.936, 90.326

86, 78.083, 88.922

84, 82.736, 87.388

83, 84.605, 85.770

Harmonies

Complementary

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



96, 21.376, 96.287



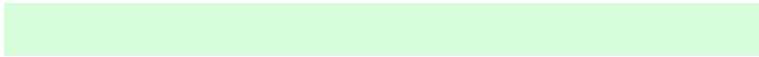
86, 21.764, 281.979

Rectangle

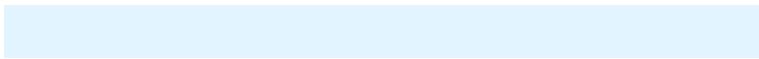
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96, 21.376, 96.287



96, 21.376, 146.287



96, 21.376, 276.287



96, 21.376, 326.287

Sweetspot

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



96, 21.341, 96.757



99, 6.164, 98.480



86, 20.458, 2.878



53, 4.090, 98.407



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

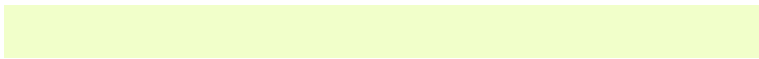
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 21.341, 96.757



95, 25.927, 96.220



98, 27.084, 119.274



52, 5.855, 98.081



64, 68.246, 86.110



21, 30.055, 88.337

Inverse Universe

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



86, 21.764, 281.979



83, 26.565, 282.691



84, 28.244, 301.963



50, 5.914, 280.390



28, 92.422, 301.838



6, 36.907, 296.997

Previews

White Background



This preview shows how the CIE LCh color 96, 21.376, 96.287 looks on a white background.

Color Contrast Check

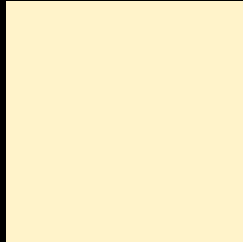
Large Text (above 18pt) WCAG AA × Fail

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, 21.376, 96.287 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

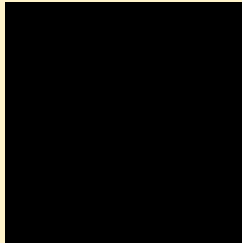
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 96, 21.376, 96.287

Background



This preview shows how black text looks on a background with the CIELCh color 96, 21.376, 96.287.



This preview shows how white text looks on a background with the CIELCh color 96, 21.376, 96.287.

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, 21.376, 96.287

Protanopia

96, 17.904, 94.288

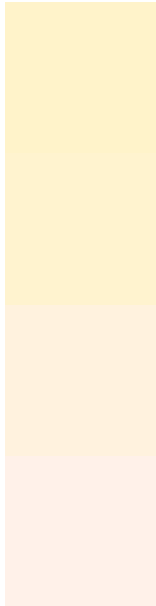
Deuteranopia

96, 6.483, 58.581



Tritanopia
96, 8.376, 332.702

Trichromacy



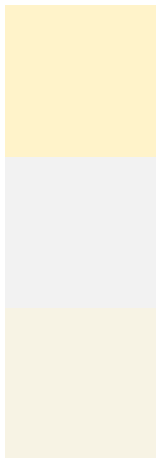
Original Color
96, 21.376, 96.287

Protanomaly
96, 18.894, 94.945

Deuteranomaly
96, 11.260, 84.278

Tritanomaly
96, 6.483, 58.581

Monochromacy



Original Color
96, 21.376, 96.287

Achromatopsia
95, 0.011, 296.813

Achromatomaly
96, 7.784, 98.857

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 21.376, 96.287 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, 202)` looks like.

```
.text, #text, p{  
    color:rgb(255, 243, 202)  
}
```

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, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 243, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 21.376, 96.287 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, 202) }
```

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

```
.border{ border-color:rgb(255, 243, 202) }
```

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, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 243, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 243, 202);  
box-shadow:4px 4px 4px 4px rgb(255, 243,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 21.376, 96.287 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, 202) }
```

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

```
.background{ background-color: rgb(255,  
243, 202) }
```

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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