

Converting Colors

CIELCh(100, 33.612, 61.648)

Have a look what the booklet for
CIELCh(100, 33.612, 61.648)
contains.

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Color

CIELCh(96, 22.967, 95.986)

Conversions

Conversions Part 1

Format	Color
Hex	FFF3C7
RGB	255, 243, 199
RGB Percent	100%, 95%, 78%
CMY	0.0000, 0.0455, 0.2182
CMYK	0.00, 0.05, 0.22, 0.00
HSL	47°, 100%, 89%
HSV	47°, 22%, 100%
XYZ	84.2827, 90.0078, 67.1770
YIQ	241.5720, 21.2760, -11.1400

Conversions

Conversions Part 2

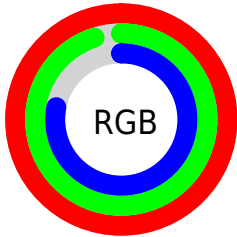
Format	Color
R_{YB}	214, 255, 199
Decimal	16774087
CIE _{Lab}	96.00, -2.40, 22.84
CIE _{LCh}	96, 22.967, 95.986
Yxy	90.0078, 0.3490, 0.3728
Android (android.graphics.Color)	4294964167 (0xFFFFF3C7)
YUV	241.5720, -20.9880, 11.7764
Hunter-Lab	94.8724, -7.4511, 24.4288

Details

The CIELCh color **96, 22.967, 95.986** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **85, 23.387, 282.834**, 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, 22.879, 96.824** is the 20% darker color. If you saturate the color by 10%, you get **94, 33.404, 96.096**, and if you desaturate by 10%, it is **98, 12.332, 98.510**.

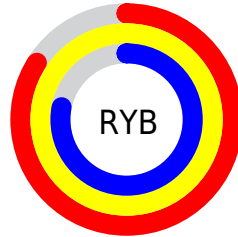
Distribution



Red (100%)

Green (95%)

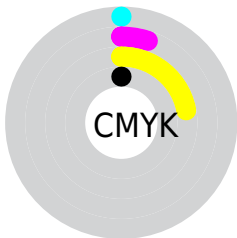
Blue (78%)



Red (84%)

Yellow (100%)

Blue (78%)

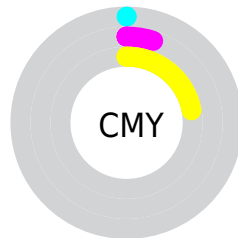


Cyan (0%)

Magenta (5%)

Yellow (22%)

Black (0%)



Cyan (0%)

Magenta (5%)

Yellow (22%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 22.967, 95.986 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, 22.967, 95.986 by changing the saturation by 10% instead.

 96, 22.967, 95.986

 96, 22.967, 95.986

 100, 22.967,
95.986

 86, 22.967, 95.986

 76, 22.967, 95.986

 66, 22.967, 95.986

 56, 22.967, 95.986

 46, 22.967, 95.986

 36, 22.967, 95.986

 26, 22.967, 95.986

 16, 22.967, 95.986

 6, 22.967, 95.986

96, 22.967, 95.986

96, 22.967, 95.986

94, 33.404, 96.096

98, 12.332, 98.510

92, 43.878, 94.846

100, 1.883, 99.582

91, 54.104, 93.577

100, 0.012,
296.813

89, 63.782, 92.290

88, 72.413, 90.976

86, 79.269, 89.605

85, 83.520, 88.117

84, 84.990, 86.773

Harmonies

Complementary

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



96, 22.967, 95.986



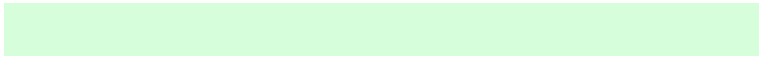
85, 23.387, 282.834

Rectangle

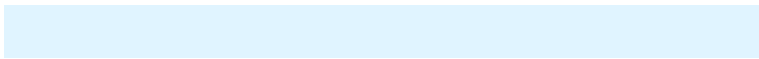
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96, 22.967, 95.986



96, 22.967, 145.986



96, 22.967, 275.986



96, 22.967, 325.986

Sweetspot

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



96, 22.857, 97.321



99, 7.281, 99.063



86, 21.608, 4.268



53, 4.733, 98.995



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

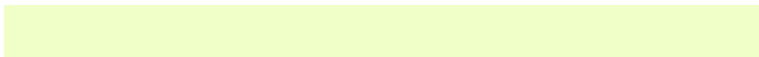
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 22.857, 97.321



95, 27.264, 96.813



98, 28.740, 119.865



52, 5.923, 98.779



64, 68.559, 87.093



22, 30.288, 89.226

Inverse Universe

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



85, 23.387, 282.834



82, 28.037, 283.518



83, 30.025, 302.643



49, 5.989, 281.067



28, 93.595, 302.223



6, 37.336, 297.354

Previews

White Background



This preview shows how the CIE LCh color 96, 22.967, 95.986 looks on a white background.

Color Contrast Check

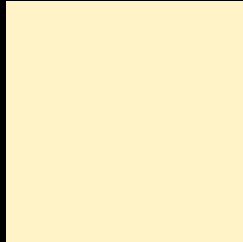
Large Text (above 18pt) WCAG AA × Fail

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, 22.967, 95.986 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

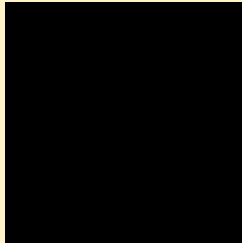
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 96, 22.967, 95.986

Background



This preview shows how black text looks on a background with the CIELCh color 96, 22.967, 95.986.



This preview shows how white text looks on a background with the CIELCh color 96, 22.967, 95.986.

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](#).

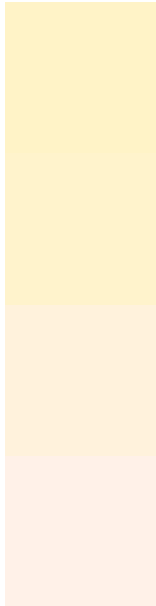
Dichromacy





Tritanopia
96, 8.008, 335.179

Trichromacy



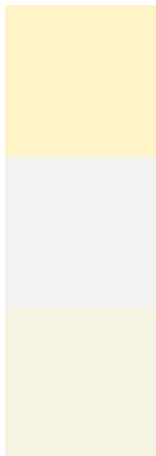
Original Color
96, 22.869, 96.931

Protanomaly
96, 20.382, 95.796

Deuteranomaly
96, 12.200, 86.175

Tritanomaly
96, 6.821, 61.861

Monochromacy



Original Color
96, 22.869, 96.931

Achromatopsia
95, 0.011, 296.813

Achromatomaly
96, 8.791, 99.988

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 22.967, 95.986 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, 199)` looks like.

```
.text, #text, p{  
    color:rgb(255, 243, 199)  
}
```

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, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 243, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 22.967, 95.986 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, 199) }
```

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

```
.border{ border-color:rgb(255, 243, 199) }
```

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, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 243, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 243, 199);  
box-shadow:4px 4px 4px 4px rgb(255, 243,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 22.967, 95.986 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, 199) }
```

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

```
.background{ background-color: rgb(255,  
243, 199) }
```

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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