

Converting Colors

CIELCh(96, 17.572, 97.364)

Have a look what the booklet for
CIELCh(96, 17.572, 97.364) contains.

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Color

CIELCh(96, 17.641, 97.847)

Conversions

Conversions Part 1

Format	Color
Hex	FDF4D2
RGB	253, 244, 210
RGB Percent	99%, 96%, 82%
CMY	0.0089, 0.0442, 0.1775
CMYK	0.00, 0.04, 0.17, 0.01
HSL	47°, 90%, 91%
HSV	47°, 17%, 99%
XYZ	84.2757, 90.0078, 73.7308
YIQ	242.8150, 16.2780, -8.6660

Conversions

Conversions Part 2

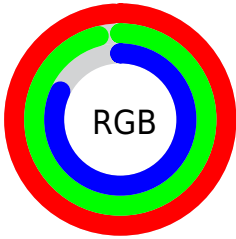
Format	Color
R _Y B	221, 253, 210
Decimal	16643282
CIE Lab	96.00, -2.41, 17.48
CIE LCh	96, 17.641, 97.847
Yxy	90.0078, 0.3398, 0.3629
Android (android.graphics.Color)	4294833362 (0xFFFD4D2)
YUV	242.8150, -16.1778, 8.9322
Hunter-Lab	94.8724, -7.4643, 20.3331

Details

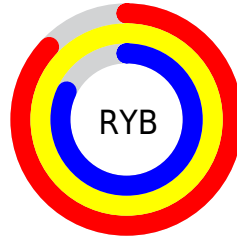
The CIELCh color **96, 17.641, 97.847** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **88, 17.957, 282.056**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 17.924, 98.299** is the 20% darker color. If you saturate the color by 10%, you get **94, 28.105, 96.645**, and if you desaturate by 10%, it is **98, 7.233, 99.018**.

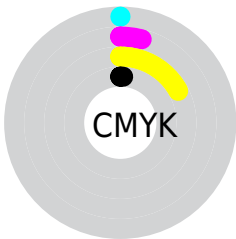
Distribution



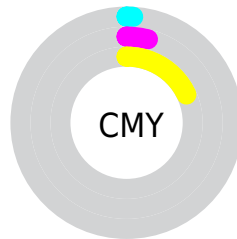
- Red (99%)
- Green (96%)
- Blue (82%)



- Red (87%)
- Yellow (99%)
- Blue (82%)



- Cyan (0%)
- Magenta (4%)
- Yellow (17%)
- Black (1%)



- Cyan (1%)
- Magenta (4%)
- Yellow (18%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 17.641, 97.847 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, 17.641, 97.847 by changing the saturation by 10% instead.

 96, 17.641, 97.847

 96, 17.641, 97.847

 100, 17.641,
97.847

 86, 17.641, 97.847

 76, 17.641, 97.847

 66, 17.641, 97.847

 56, 17.641, 97.847

 46, 17.641, 97.847

 36, 17.641, 97.847

 26, 17.641, 97.847

 16, 17.641, 97.847

 6, 17.641, 97.847

96, 17.641, 97.847

96, 17.641, 97.847

94, 28.105, 96.645

98, 7.233, 99.018

92, 38.548, 95.406

100, 0.655,
233.230

91, 48.843, 94.145

100, 0.791,
200.193

89, 58.759, 92.866

88, 67.906, 91.566

86, 75.672, 90.227

85, 81.244, 88.802

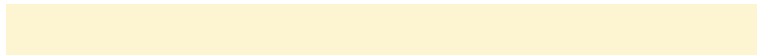
83, 83.935, 87.215

83, 84.392, 86.718

Harmonies

Complementary

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



96, 17.641, 97.847



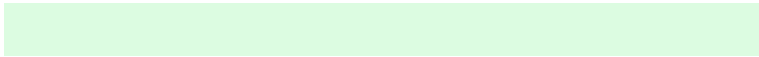
88, 17.957, 282.056

Rectangle

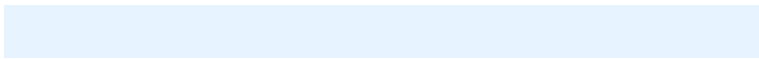
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96, 17.641, 97.847



96, 17.641, 147.847



96, 17.641, 277.847



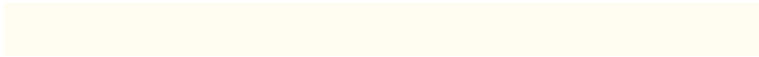
96, 17.641, 327.847

Sweetspot

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



96, 17.643, 97.855



99, 5.189, 99.240



88, 16.531, 3.677



53, 3.542, 99.163



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

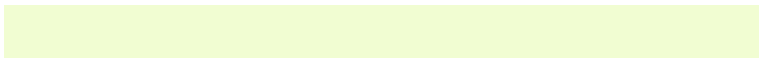
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 17.643, 97.855



96, 20.919, 97.496



97, 22.270, 120.160



52, 5.919, 98.734



64, 68.538, 87.030



22, 30.273, 89.169

Inverse Universe

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



88, 17.957, 282.056



86, 21.359, 282.507



86, 23.032, 302.280



49, 5.984, 281.024



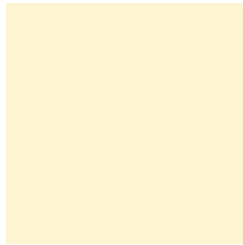
28, 93.520, 302.199



6, 37.309, 297.332

Previews

White Background



This preview shows how the CIE LCh color 96, 17.641, 97.847 looks on a white background.

Color Contrast Check

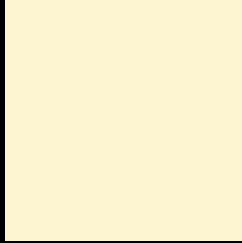
Large Text (above 18pt) WCAG AA × Fail

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, 17.641, 97.847 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

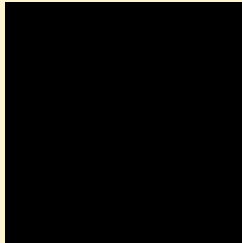
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 96, 17.641, 97.847

Background



This preview shows how black text looks on a background with the CIELCh color 96, 17.641, 97.847.

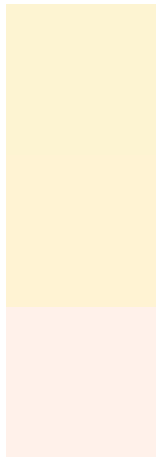


This preview shows how white text looks on a background with the CIELCh color 96, 17.641, 97.847.

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, 17.641, 97.847

Protanopia

96, 16.917, 93.544

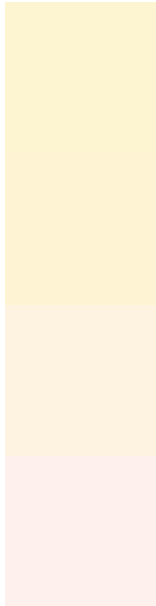
Deuteranopia

96, 6.168, 54.948



Tritanopia
96, 9.153, 328.376

Trichromacy



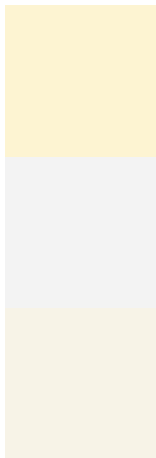
Original Color
96, 17.641, 97.847

Protanomaly
96, 16.821, 94.779

Deuteranomaly
96, 9.710, 82.643

Tritanomaly
96, 5.076, 43.273

Monochromacy



Original Color
96, 17.641, 97.847

Achromatopsia
96, 0.011, 296.813

Achromatomaly
96, 6.282, 96.433

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 17.641, 97.847 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(253, 244, 210)` looks like.

```
.text, #text, p{  
    color:rgb(253, 244, 210)  
}
```

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(253, 244, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 244, 210) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 17.641, 97.847 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(253, 244, 210) }
```

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

```
.border{ border-color:rgb(253, 244, 210) }
```

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

Here you see how a box with a 4 pixel rgb(253, 244, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 244, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 244, 210);  
box-shadow:4px 4px 4px 4px rgb(253, 244,  
210) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 17.641, 97.847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 244, 210) }
```

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

```
.background{ background-color: rgb(253,  
244, 210) }
```

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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