

Converting Colors

CIELCh(97, 36.041, 103.790)

Have a look what the booklet for
CIELCh(97, 36.041, 103.790)
contains.

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Color

CIELCh(97, 35.895, 103.676)

Conversions

Conversions Part 1

Format	Color
Hex	FFF9B2
RGB	255, 249, 178
RGB Percent	100%, 98%, 70%
CMY	0.0000, 0.0225, 0.3010
CMYK	0.00, 0.02, 0.30, 0.00
HSL	56°, 100%, 85%
HSV	56°, 30%, 100%
XYZ	83.3486, 92.4403, 55.6961
YIQ	242.7000, 26.3670, -20.8090

Conversions

Conversions Part 2

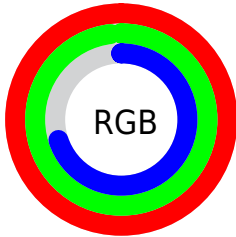
Format	Color
R _Y B	185, 255, 178
Decimal	16775602
CIE Lab	97.00, -8.49, 34.88
CIE LCh	97, 35.895, 103.676
Yxy	92.4403, 0.3601, 0.3993
Android (android.graphics.Color)	4294965682 (0xFFFFF9B2)
YUV	242.7000, -31.8971, 10.7871
Hunter-Lab	96.1459, -13.5142, 32.9561

Details

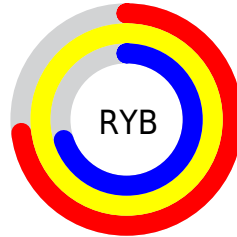
The CIELCh color **97, 35.895, 103.676** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **77, 38.197, 290.940**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 10.630, 109.373**, and **77, 35.854, 104.157** is the 20% darker color. If you saturate the color by 10%, you get **96, 47.498, 102.786**, and if you desaturate by 10%, it is **98, 24.045, 104.898**.

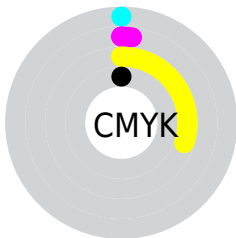
Distribution



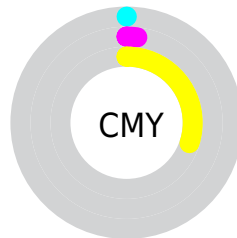
- Red (100%)
- Green (98%)
- Blue (70%)



- Red (73%)
- Yellow (100%)
- Blue (70%)



- Cyan (0%)
- Magenta (2%)
- Yellow (30%)
- Black (0%)





- Cyan (0%)
- Magenta (2%)
- Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 97, 35.895, 103.676 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 97, 35.895, 103.676 by changing the saturation by 10% instead.


 97, 35.895,
103.676


 97, 35.895,
103.676

 100, 35.895,
103.676


 87, 35.895,
103.676

 77, 35.895,
103.676

 67, 35.895,
103.676

 57, 35.895,
103.676

 47, 35.895,
103.676

 37, 35.895,
103.676

 27, 35.895,

103.676

■ 17, 35.895,
103.676

■ 7, 35.895, 103.676

■ 97, 35.895,
103.676

■ 97, 35.895,
103.676

■ 96, 47.498,
102.786

■ 98, 24.045,
104.898

■ 95, 58.659,
101.757

■ 99, 12.092,
105.945

■ 95, 69.038,
100.774

■ 100, 0.109,
105.941

■ 94, 78.135, 99.863

■ 100, 0.012,
296.813

■ 93, 85.291, 99.048

■ 93, 89.845, 98.344

■ 92, 91.750, 97.739

Harmonies

Complementary

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



97, 35.895, 103.676



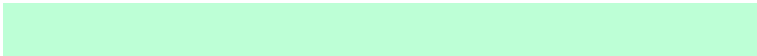
77, 38.197, 290.940

Rectangle

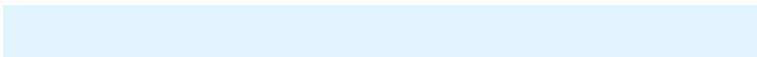
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97, 35.895, 103.676



97, 35.895, 153.676



97, 35.895, 283.676



97, 35.895, 333.676

Sweetspot

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



97, 35.890, 103.840



99, 10.773, 106.058



80, 29.898, 15.580



53, 7.487, 105.908



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

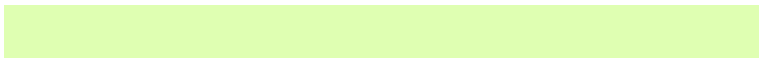
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 35.890, 103.840



96, 42.778, 103.217



96, 40.535, 124.593



53, 6.806, 106.006



71, 73.965, 97.833



24, 33.502, 98.663

Inverse Universe

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



77, 38.197, 290.940



72, 46.230, 291.963



78, 42.648, 307.782



49, 6.937, 288.047



24, 104.367, 305.397



4, 41.751, 300.451

Previews

White Background



This preview shows how the CIE LCh color 97, 35.895, 103.676 looks on a white background.

Color Contrast Check

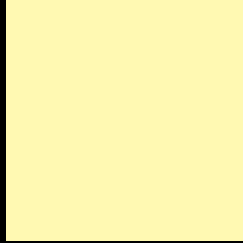
Large Text (above 18pt) WCAG AA × Fail

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 97, 35.895, 103.676 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

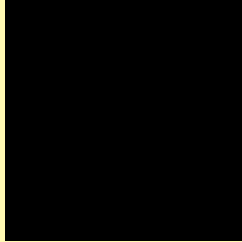
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 97, 35.895, 103.676

Background



This preview shows how black text looks on a background with the CIELCh color 97, 35.895, 103.676.

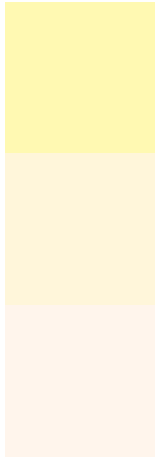


This preview shows how white text looks on a background with the CIELCh color 97, 35.895, 103.676.

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
97, 35.895, 103.676

Protanopia
97, 14.625, 95.934

Deuteranopia
97, 5.805, 71.549

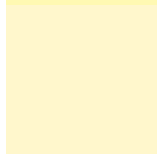


Tritanopia
97, 6.275, 332.584

Trichromacy



Original Color
97, 35.895, 103.676



Protanomaly
97, 22.045, 100.630



Deuteranomaly
97, 16.533, 98.580

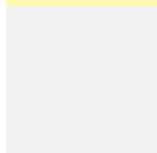


Tritanomaly
97, 10.812, 89.619

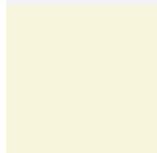
Monochromacy



Original Color
97, 35.895, 103.676



Achromatopsia
96, 0.011, 296.813



Achromatomaly
96, 13.270, 105.976

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 35.895, 103.676 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, 249, 178)` looks like.

```
.text, #text, p{  
    color:rgb(255, 249, 178)  
}
```

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, 249, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 249, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 35.895, 103.676 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, 249, 178) }
```

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

```
.border{ border-color:rgb(255, 249, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 249, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 249, 178); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 249, 178); box-shadow:4px 4px 4px 4px rgb(255, 249, 178) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 35.895, 103.676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 249, 178) }
```

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

```
.background{ background-color: rgb(255,  
249, 178) }
```

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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