

Converting Colors

CIELCh(97, 19.940, 107.498)

Have a look what the booklet for
CIELCh(97, 19.940, 107.498)
contains.

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Color

CIELCh(97, 20.306, 107.561)

Conversions

Conversions Part 1

Format	Color
Hex	FAF9D1
RGB	250, 249, 209
RGB Percent	98%, 98%, 82%
CMY	0.0207, 0.0246, 0.1815
CMYK	0.00, 0.00, 0.16, 0.02
HSL	59°, 80%, 90%
HSV	59°, 16%, 98%
XYZ	84.5877, 92.4403, 73.5298
YIQ	244.7390, 13.4360, -12.2280

Conversions

Conversions Part 2

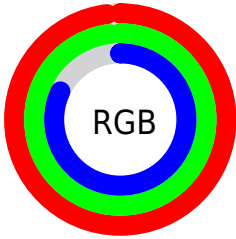
Format	Color
R _Y B	210, 250, 209
Decimal	16447953
CIE Lab	97.00, -6.13, 19.36
CIE LCh	97, 20.306, 107.561
Yxy	92.4403, 0.3376, 0.3689
Android (android.graphics.Color)	4294638033 (0xFFFAF9D1)
YUV	244.7390, -17.6193, 4.6139
Hunter-Lab	96.1459, -11.2137, 21.9587

Details

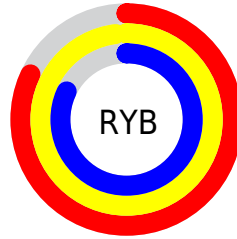
The CIELCh color **97, 20.306, 107.561** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **85, 21.054, 291.045**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 20.740, 108.237** is the 20% darker color. If you saturate the color by 10%, you get **96, 32.552, 106.565**, and if you desaturate by 10%, it is **98, 7.945, 108.558**.

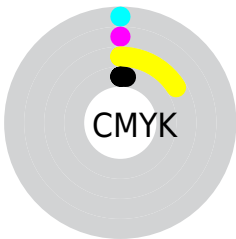
Distribution



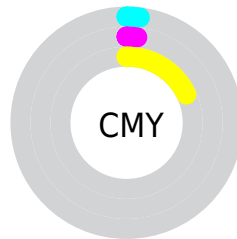
- Red (98%)
- Green (98%)
- Blue (82%)



- Red (82%)
- Yellow (98%)
- Blue (82%)



- Cyan (0%)
- Magenta (0%)
- Yellow (16%)
- Black (2%)





- Cyan (2%)
- Magenta (2%)
- Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 97, 20.306, 107.561 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, 20.306, 107.561 by changing the saturation by 10% instead.


 97, 20.306,
107.561


 97, 20.306,
107.561

 100, 20.306,
107.561


 87, 20.306,
107.561

 77, 20.306,
107.561

 67, 20.306,
107.561

 57, 20.306,
107.561

 47, 20.306,
107.561

 37, 20.306,
107.561

 27, 20.306,

107.561

■ 17, 20.306,
107.561

■ 7, 20.306, 107.561

■ 97, 20.306,
107.561

■ 97, 20.306,
107.561

■ 96, 32.552,
106.565

■ 98, 7.945, 108.558

■ 96, 44.559,
105.575

■ 98, 2.590, 288.735

■ 99, 2.295, 283.237

■ 95, 56.138,
104.616

■ 99, 2.026, 276.208

■ 95, 66.995,
103.716

■ 99, 1.797, 267.225

■ 99, 1.624, 255.998

■ 95, 76.692,
102.909

■ 99, 1.525, 242.744

■ 94, 84.643,
102.231

■ 99, 1.516, 228.540

■ 94, 90.223,
101.716

■ 99, 1.598, 215.001

■ 94, 93.071,
101.375

■ 94, 93.657,
101.280

Harmonies

Complementary

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



97, 20.306, 107.561



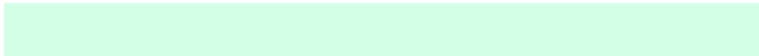
85, 21.054, 291.045

Rectangle

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



97, 20.306, 107.561



97, 20.306, 157.561



97, 20.306, 287.561



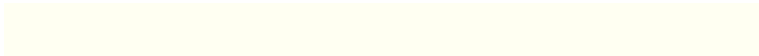
97, 20.306, 337.561

Sweetspot

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



97, 20.308, 107.567



100, 6.298, 108.694



87, 15.304, 17.875



53, 4.297, 108.626



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, 20.308, 107.567



99, 25.140, 107.205



96, 22.051, 127.133



52, 7.045, 108.255



73, 75.902, 101.307



24, 33.714, 101.750

Inverse Universe

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



85, 21.054, 291.045



84, 26.283, 291.521



86, 22.592, 308.686



48, 7.197, 290.210



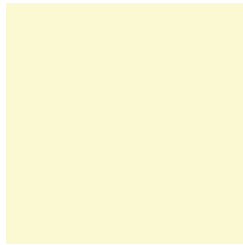
23, 105.609, 306.003



3, 41.312, 300.426

Previews

White Background



This preview shows how the CIE LCh color 97, 20.306, 107.561 looks on a white background.

Color Contrast Check

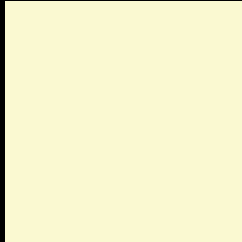
Large Text (above 18pt) WCAG AA × Fail

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, 20.306, 107.561 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

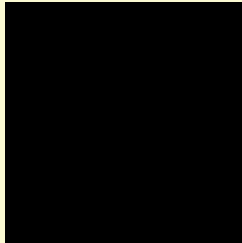
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 97, 20.306, 107.561

Background



This preview shows how black text looks on a background with the CIELCh color 97, 20.306, 107.561.

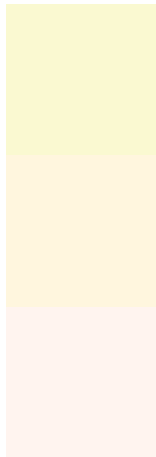


This preview shows how white text looks on a background with the CIELCh color 97, 20.306, 107.561.

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, 20.306, 107.561

Protanopia

97, 12.646, 94.080

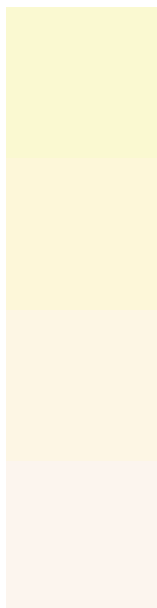
Deuteranopia

97, 4.670, 52.533



Tritanopia
97, 7.103, 319.977

Trichromacy



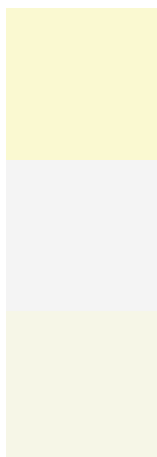
Original Color
97, 20.306, 107.561

Protanomaly
97, 15.412, 100.731

Deuteranomaly
97, 9.499, 93.932

Tritanomaly
97, 4.337, 74.640

Monochromacy



Original Color
97, 20.306, 107.561

Achromatopsia
96, 0.011, 296.813

Achromatomaly
97, 7.645, 109.580

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 20.306, 107.561 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(250, 249, 209)` looks like.

```
.text, #text, p{  
    color:rgb(250, 249, 209)  
}
```

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(250, 249, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 249, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 20.306, 107.561 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(250, 249, 209) }
```

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

```
.border{ border-color:rgb(250, 249, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 249, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 249, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 249, 209);  
box-shadow:4px 4px 4px 4px rgb(250, 249,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 20.306, 107.561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 249, 209) }
```

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

```
.background{ background-color: rgb(250,  
249, 209) }
```

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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