

Converting Colors

CIELCh(97, 24.551, 107.507)

Have a look what the booklet for
CIELCh(97, 24.551, 107.507)
contains.

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Color

CIELCh(97, 24.339, 107.412)

Conversions

Conversions Part 1

Format	Color
Hex	FAF9C9
RGB	250, 249, 201
RGB Percent	98%, 98%, 79%
CMY	0.0189, 0.0228, 0.2111
CMYK	0.00, 0.00, 0.20, 0.02
HSL	59°, 84%, 88%
HSV	59°, 20%, 98%
XYZ	83.9789, 92.4403, 68.7783
YIQ	243.8270, 16.0040, -14.7160

Conversions

Conversions Part 2

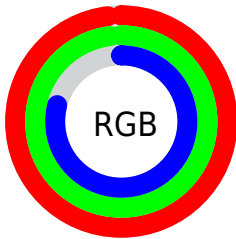
Format	Color
RYB	202, 250, 201
Decimal	16447945
CIELab	97.00, -7.28, 23.22
CIELCh	97, 24.339, 107.412
Yxy	92.4403, 0.3425, 0.3770
Android (android.graphics.Color)	4294638025 (0xFFFAF9C9)
YUV	243.8270, -21.1137, 5.4137
Hunter-Lab	96.1459, -12.3439, 24.8888

Details

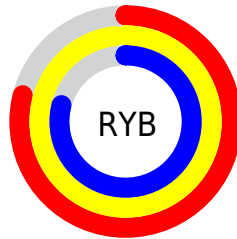
The CIELCh color **97, 24.339, 107.412** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **83, 25.431, 291.618**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 24.421, 107.888** is the 20% darker color. If you saturate the color by 10%, you get **96, 36.585, 106.421**, and if you desaturate by 10%, it is **98, 11.942, 108.411**.

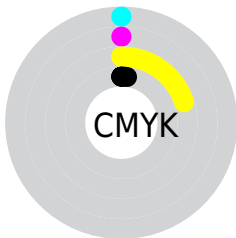
Distribution



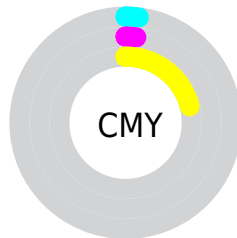
- Red (98%)
- Green (98%)
- Blue (79%)



- Red (79%)
- Yellow (98%)
- Blue (79%)



- Cyan (0%)
- Magenta (0%)
- Yellow (20%)
- Black (2%)




- Cyan (2%)
- Magenta (2%)
- Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 97, 24.339, 107.412 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, 24.339, 107.412 by changing the saturation by 10% instead.


 97, 24.339,
107.412


 97, 24.339,
107.412

 100, 24.339,
107.412


 87, 24.339,
107.412

 77, 24.339,
107.412

 67, 24.339,
107.412

 57, 24.339,
107.412

 47, 24.339,
107.412

 37, 24.339,
107.412

 27, 24.339,

107.412

■ 17, 24.339,
107.412

■ 7, 24.339, 107.412

■ 97, 24.339,
107.412

■ 97, 24.339,
107.412

■ 96, 36.585,
106.421

■ 98, 11.942,
108.411

■ 96, 48.535,
105.443

■ 98, 0.525, 289.564

■ 95, 59.970,
104.506

■ 99, 2.203, 285.592

■ 99, 1.966, 279.806

■ 95, 70.552,
103.641

■ 99, 1.755, 272.543

95, 79.792,
102.881

99, 1.579, 263.493

95, 87.073,
102.267

99, 1.452, 252.538

94, 91.813,
101.825

99, 1.386, 240.038

94, 93.993,
101.549

99, 1.390, 226.980

94, 94.062,
101.540

Harmonies

Complementary

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



97, 24.339, 107.412



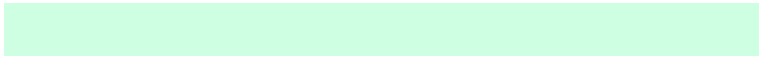
83, 25.431, 291.618

Rectangle

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



97, 24.339, 107.412



97, 24.339, 157.412



97, 24.339, 287.412



97, 24.339, 337.412

Sweetspot

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



97, 24.341, 107.417



100, 7.589, 108.761



85, 18.509, 18.192



53, 5.034, 108.698



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

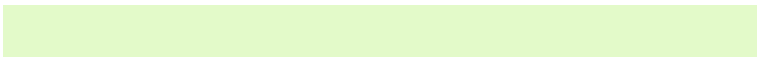
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 24.341, 107.417



98, 30.232, 106.974



96, 26.351, 126.976



52, 7.073, 108.420



73, 76.121, 101.562



24, 33.821, 101.968

Inverse Universe

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



83, 25.431, 291.618



81, 31.935, 292.238



84, 27.126, 308.855



48, 7.227, 290.369



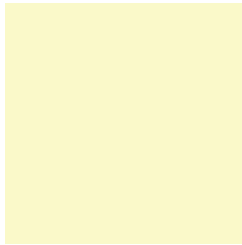
23, 105.785, 306.049



3, 41.427, 300.489

Previews

White Background



This preview shows how the CIE LCh color 97, 24.339, 107.412 looks on a white background.

Color Contrast Check

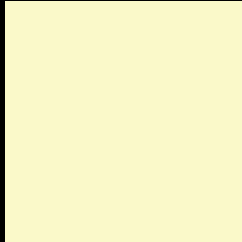
Large Text (above 18pt) WCAG AA × Fail

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, 24.339, 107.412 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

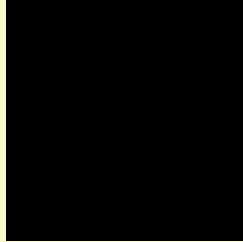
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 97, 24.339, 107.412

Background



This preview shows how black text looks on a background with the CIELCh color 97, 24.339, 107.412.

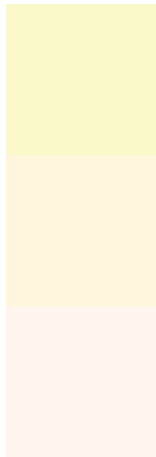


This preview shows how white text looks on a background with the CIELCh color 97, 24.339, 107.412.

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, 24.339, 107.412

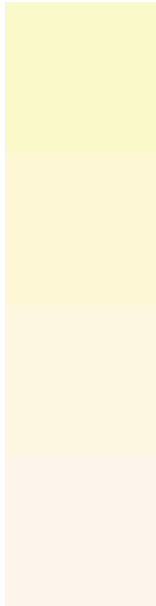
Protanopia
97, 13.139, 94.601

Deuteranopia
97, 4.969, 57.434



Tritanopia
97, 7.283, 322.376

Trichromacy



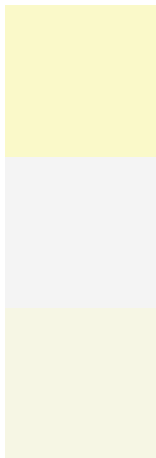
Original Color
97, 24.339, 107.412

Protanomaly
97, 16.922, 101.322

Deuteranomaly
97, 10.983, 95.893

Tritanomaly
97, 5.831, 80.220

Monochromacy



Original Color
97, 24.339, 107.412

Achromatopsia
96, 0.011, 296.813

Achromatomaly
96, 9.174, 109.463

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 24.339, 107.412 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, 201)` looks like.

```
.text, #text, p{  
    color:rgb(250, 249, 201)  
}
```

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, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 249, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 24.339, 107.412 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, 201) }
```

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

```
.border{ border-color:rgb(250, 249, 201) }
```

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, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 249, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 249, 201);  
box-shadow:4px 4px 4px 4px rgb(250, 249,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 24.339, 107.412 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, 201) }
```

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

```
.background{ background-color: rgb(250,  
249, 201) }
```

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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