

Converting Colors

CIELCh(97, 25.317, 108.227)

Have a look what the booklet for
CIELCh(97, 25.317, 108.227)
contains.

CIELCh(97, 25.331, 109.078)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIElCh(97, 25.331, 109.078)

Conversions

Conversions Part 1

Format	Color
Hex	F9FAC8
RGB	249, 250, 200
RGB Percent	98%, 98%, 78%
CMY	0.0246, 0.0207, 0.2167
CMYK	0.00, 0.00, 0.20, 0.02
HSL	61°, 83%, 88%
HSV	61°, 20%, 98%
XYZ	83.4568, 92.4403, 67.9210
YIQ	244.0010, 15.4540, -15.7620

Conversions

Conversions Part 2

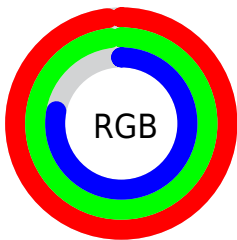
Format	Color
R_{YB}	200, 250, 201
Decimal	16382664
CIE _{Lab}	97.00, -8.28, 23.94
CIE _{LCh}	97, 25.331, 109.078
Yxy	92.4403, 0.3423, 0.3791
Android (android.graphics.Color)	4294572744 (0xFFFF9FAC8)
YUV	244.0010, -21.6925, 4.3841
Hunter-Lab	96.1459, -13.3132, 25.4175

Details

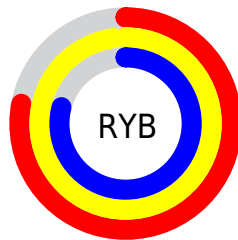
The CIELCh color **97, 25.331, 109.078** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **82, 26.546, 293.173**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 25.464, 109.600** is the 20% darker color. If you saturate the color by 10%, you get **97, 37.769, 108.140**, and if you desaturate by 10%, it is **98, 12.716, 110.028**.

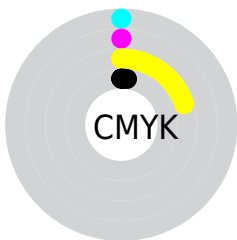
Distribution



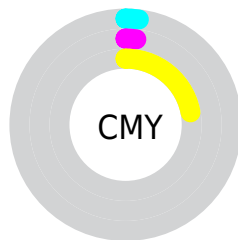
- Red (98%)
- Green (98%)
- Blue (78%)



- Red (78%)
- Yellow (98%)
- Blue (79%)



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





- Cyan (2%)
- Magenta (2%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 97, 25.331, 109.078 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, 25.331, 109.078 by changing the saturation by 10% instead.


 97, 25.331,
109.078


 97, 25.331,
109.078


 100, 25.331,
109.078


 87, 25.331,
109.078

 77, 25.331,
109.078

 67, 25.331,
109.078

 57, 25.331,
109.078

 47, 25.331,
109.078

 37, 25.331,
109.078

 27, 25.331,

109.078

■ 17, 25.331,
109.078

■ 7, 25.331, 109.078

■ 97, 25.331,
109.078

■ 97, 25.331,
109.078

■ 97, 37.769,
108.140

■ 98, 12.716,
110.028

■ 96, 49.876,
107.221

■ 98, 0.013, 105.975

■ 96, 61.425,
106.354

■ 98, 2.708, 294.100

■ 96, 72.066,
105.572

■ 98, 2.727, 297.764

■ 98, 2.757, 301.366

■ 95, 81.307,
104.919

■ 98, 2.798, 304.880

■ 98, 2.849, 308.284

■ 95, 88.540,
104.442

■ 99, 2.909, 311.560

■ 95, 93.222,
104.180

■ 99, 2.979, 314.695

■ 95, 95.425,
104.123

Harmonies

Complementary

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



97, 25.331, 109.078



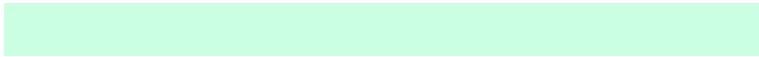
82, 26.546, 293.173

Rectangle

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



97, 25.331, 109.078



97, 25.331, 159.078



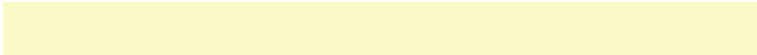
97, 25.331, 289.078



97, 25.331, 339.078

Sweetspot

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



97, 25.333, 109.083



100, 7.747, 110.402



85, 18.661, 22.144



53, 5.139, 110.342



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

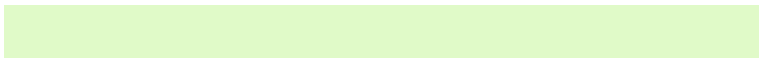
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 25.333, 109.083



99, 30.829, 108.703



95, 27.215, 128.741



52, 7.219, 110.077



74, 77.309, 104.102



25, 34.378, 104.192

Inverse Universe

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



82, 26.546, 293.173



80, 32.642, 293.707



84, 27.948, 310.576



48, 7.382, 291.929



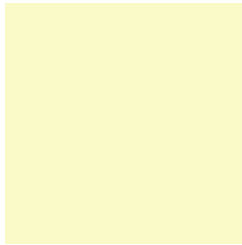
23, 106.607, 306.345



3, 42.085, 301.259

Previews

White Background



This preview shows how the CIE LCh color 97, 25.331, 109.078 looks on a white background.

Color Contrast Check

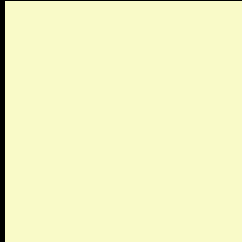
Large Text (above 18pt) WCAG AA × Fail

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, 25.331, 109.078 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

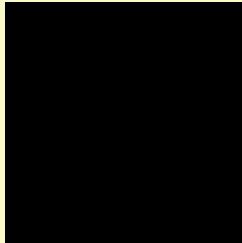
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 97, 25.331, 109.078

Background



This preview shows how black text looks on a background with the CIELCh color 97, 25.331, 109.078.

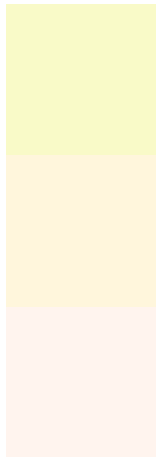


This preview shows how white text looks on a background with the CIELCh color 97, 25.331, 109.078.

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, 25.331, 109.078

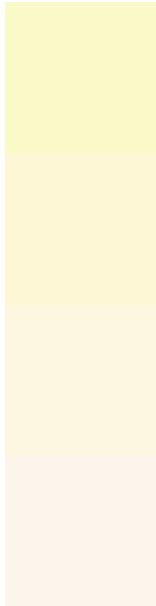
Protanopia
97, 13.634, 95.080

Deuteranopia
97, 4.969, 57.434



Tritanopia
97, 7.103, 319.977

Trichromacy



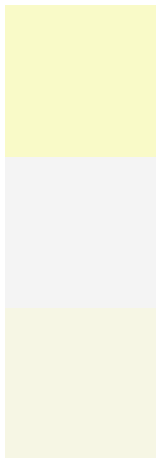
Original Color
97, 25.331, 109.078

Protanomaly
97, 17.425, 101.491

Deuteranomaly
97, 11.480, 96.427

Tritanomaly
97, 5.515, 86.785

Monochromacy



Original Color
97, 25.331, 109.078

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, 25.331, 109.078 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(249, 250, 200)` looks like.

```
.text, #text, p{  
    color:rgb(249, 250, 200)  
}
```

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(249, 250, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 250, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 25.331, 109.078 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(249, 250, 200) }
```

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

```
.border{ border-color:rgb(249, 250, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 250, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 250, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 250, 200);  
box-shadow:4px 4px 4px 4px rgb(249, 250,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 25.331, 109.078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 250, 200) }
```

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

```
.background{ background-color: rgb(249,  
250, 200) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor