

Converting Colors

CIELCh(97, 35.570, 109.171)

Have a look what the booklet for
CIELCh(97, 35.570, 109.171)
contains.

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Color

CIELCh(97, 35.304, 109.331)

Conversions

Conversions Part 1

Format	Color
Hex	F8FBB5
RGB	248, 251, 181
RGB Percent	97%, 98%, 71%
CMY	0.0267, 0.0150, 0.2895
CMYK	0.01, 0.00, 0.28, 0.01
HSL	63°, 90%, 85%
HSV	63°, 28%, 99%
XYZ	81.6879, 92.4403, 57.3456
YIQ	242.1230, 20.6820, -22.4060

Conversions

Conversions Part 2

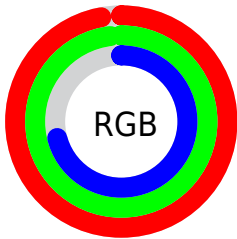
Format	Color
RYB	181, 251, 184
Decimal	16317365
CIELab	97.00, -11.69, 33.31
CIElCh	97, 35.304, 109.331
Yxy	92.4403, 0.3529, 0.3994
Android (android.graphics.Color)	4294507445 (0xFFF8FBB5)
YUV	242.1230, -30.1336, 5.1541
Hunter-Lab	96.1459, -16.5973, 31.9390

Details

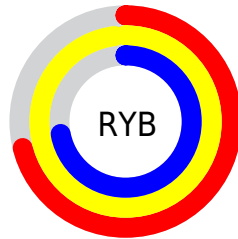
The CIELCh color **97, 35.304, 109.331** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **76, 37.772, 295.011**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 9.112, 109.487**, and **77, 35.291, 109.545** is the 20% darker color. If you saturate the color by 10%, you get **97, 47.562, 108.443**, and if you desaturate by 10%, it is **98, 22.756, 110.245**.

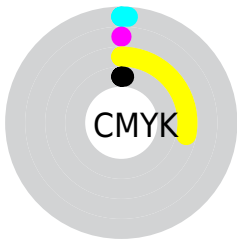
Distribution



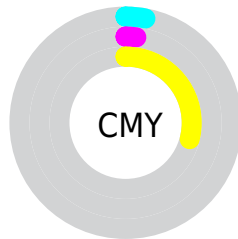
- Red (97%)
- Green (98%)
- Blue (71%)



- Red (71%)
- Yellow (98%)
- Blue (72%)



- Cyan (1%)
- Magenta (0%)
- Yellow (28%)
- Black (1%)





- Cyan (3%)
- Magenta (2%)
- Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 97, 35.304, 109.331 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, 35.304, 109.331 by changing the saturation by 10% instead.


 97, 35.304,
109.331


 97, 35.304,
109.331


 100, 35.304,
109.331


 87, 35.304,
109.331

 77, 35.304,
109.331

 67, 35.304,
109.331

 57, 35.304,
109.331

 47, 35.304,
109.331

 37, 35.304,
109.331

 27, 35.304,

109.331

■ 17, 35.304,
109.331

■ 7, 35.304, 109.331

■ 97, 35.304,
109.331

■ 97, 35.304,
109.331

■ 97, 47.562,
108.443

■ 98, 22.756,
110.245

■ 96, 59.316,
107.598

■ 98, 10.047,
111.154

■ 96, 70.245,
106.834

■ 99, 1.955, 292.700

■ 99, 2.010, 303.438

■ 96, 79.889,
106.196

■ 99, 2.131, 313.296

■ 95, 87.652,
105.739

■ 99, 2.308, 321.888

■ 99, 2.376, 324.395

■ 95, 92.951,
105.511

■ 95, 95.578,
105.531

■ 95, 95.956,
105.552

Harmonies

Complementary

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



97, 35.304, 109.331



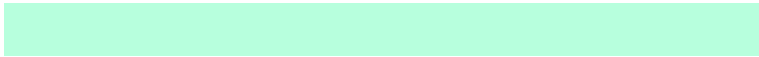
76, 37.772, 295.011

Rectangle

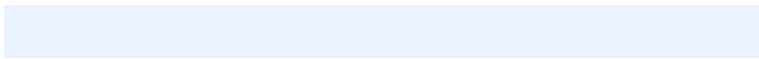
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97, 35.304, 109.331



97, 35.304, 159.331



97, 35.304, 289.331



97, 35.304, 339.331

Sweetspot

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



97, 35.306, 109.335



99, 10.335, 111.142



81, 26.514, 24.201



53, 7.343, 111.006



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

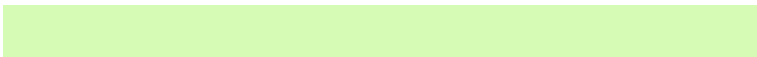
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 35.306, 109.335



98, 42.148, 108.871



95, 38.186, 128.940



52, 7.223, 111.007



74, 77.394, 105.506



25, 34.395, 105.449

Inverse Universe

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



76, 37.772, 295.011



73, 45.770, 295.760



79, 39.589, 311.533



48, 7.386, 292.786



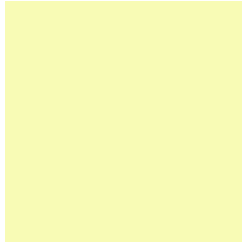
23, 106.493, 306.410



3, 42.151, 301.759

Previews

White Background



This preview shows how the CIE LCh color 97, 35.304, 109.331 looks on a white background.

Color Contrast Check

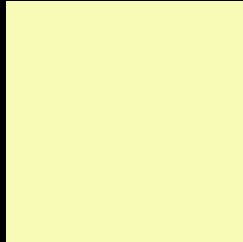
Large Text (above 18pt) WCAG AA × Fail

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, 35.304, 109.331 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

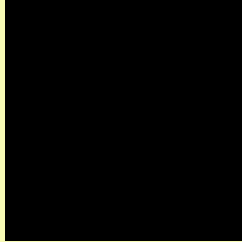
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 97, 35.304, 109.331

Background



This preview shows how black text looks on a background with the CIELCh color 97, 35.304, 109.331.

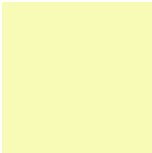

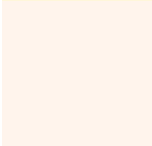



This preview shows how white text looks on a background with the CIELCh color 97, 35.304, 109.331.

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, 35.304, 109.331
	Protanopia 97, 14.625, 95.934
	Deuteranopia 97, 5.660, 65.525

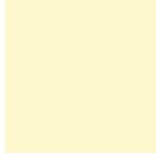


Tritanopia
97, 7.283, 322.376

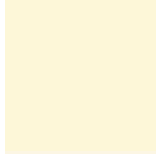
Trichromacy



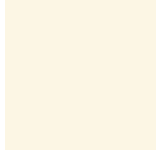
Original Color
97, 35.304, 109.331



Protanomaly
97, 21.905, 103.573

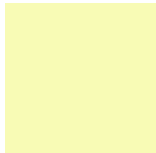


Deuteranomaly
97, 15.915, 100.943

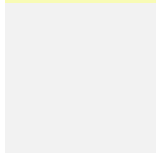


Tritanomaly
97, 9.410, 96.077

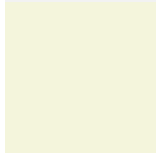
Monochromacy



Original Color
97, 35.304, 109.331



Achromatopsia
95, 0.011, 296.813



Achromatomaly
96, 12.757, 110.826

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 35.304, 109.331 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(248, 251, 181)` looks like.

```
.text, #text, p{  
    color:rgb(248, 251, 181)  
}
```

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(248, 251, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 251, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 35.304, 109.331 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(248, 251, 181) }
```

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

```
.border{ border-color:rgb(248, 251, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 251, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 251, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 251, 181);  
box-shadow:4px 4px 4px 4px rgb(248, 251,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 35.304, 109.331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 251, 181) }
```

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

```
.background{ background-color: rgb(248,  
251, 181) }
```

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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