

Converting Colors

CIE LCh(97, 24.304, 109.110)

Have a look what the booklet for
CIELCh(97, 24.304, 109.110)
contains.

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Color

CIELCh(97, 24.326, 109.190)

Conversions

Conversions Part 1

Format	Color
Hex	F9FACA
RGB	249, 250, 202
RGB Percent	98%, 98%, 79%
CMY	0.0251, 0.0211, 0.2093
CMYK	0.00, 0.00, 0.19, 0.02
HSL	61°, 82%, 88%
HSV	61°, 19%, 98%
XYZ	83.6052, 92.4403, 69.0786
YIQ	244.2290, 14.8120, -15.1400

Conversions

Conversions Part 2

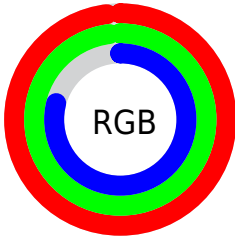
Format	Color
R_{YB}	202, 250, 203
Decimal	16382666
CIE _{Lab}	97.00, -8.00, 22.97
CIE _{LCh}	97, 24.326, 109.190
Yxy	92.4403, 0.3411, 0.3771
Android (android.graphics.Color)	4294572746 (0xFFFF9FACA)
YUV	244.2290, -20.8189, 4.1842
Hunter-Lab	96.1459, -13.0377, 24.7036

Details

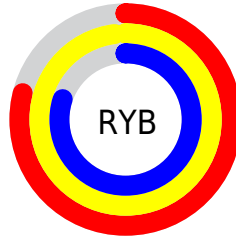
The CIELCh color **97, 24.326, 109.190** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **83, 25.442, 293.102**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 24.417, 109.770** is the 20% darker color. If you saturate the color by 10%, you get **97, 36.779, 108.253**, and if you desaturate by 10%, it is **98, 11.706, 110.138**.

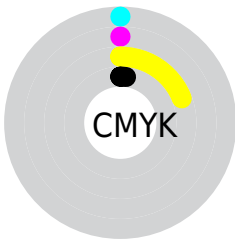
Distribution



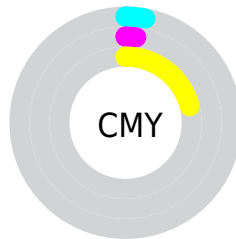
- Red (98%)
- Green (98%)
- Blue (79%)



- Red (79%)
- Yellow (98%)
- Blue (80%)



- Cyan (0%)
- Magenta (0%)
- Yellow (19%)
- Black (2%)





- Cyan (3%)
- Magenta (2%)
- Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 97, 24.326, 109.190 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, 24.326, 109.190 by changing the saturation by 10% instead.


 97, 24.326,
109.190


 97, 24.326,
109.190

 100, 24.326,
109.190


 87, 24.326,
109.190

 77, 24.326,
109.190

 67, 24.326,
109.190

 57, 24.326,
109.190

 47, 24.326,
109.190

 37, 24.326,
109.190

 27, 24.326,

109.190

■ 17, 24.326,
109.190

■ 7, 24.326, 109.190

■ 97, 24.326,
109.190

■ 97, 24.326,
109.190

■ 97, 36.779,
108.253

■ 98, 11.706,
110.138

■ 96, 48.915,
107.333

■ 98, 0.997, 291.144

■ 98, 2.766, 294.480

■ 96, 60.515,
106.461

■ 98, 2.787, 298.217

■ 95, 71.241,
105.673

■ 98, 2.820, 301.885

■ 95, 80.611,
105.009

■ 98, 2.864, 305.458

■ 95, 88.024,
104.519

■ 98, 2.919, 308.912

■ 95, 92.921,
104.243

■ 99, 2.984, 312.231

■ 95, 95.259,
104.179

■ 99, 3.059, 315.400

■ 95, 95.396,
104.178

Harmonies

Complementary

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



97, 24.326, 109.190



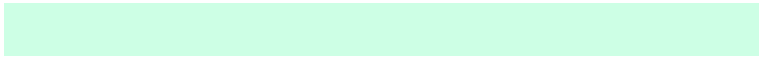
83, 25.442, 293.102

Rectangle

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



97, 24.326, 109.190



97, 24.326, 159.190



97, 24.326, 289.190



97, 24.326, 339.190

Sweetspot

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



97, 24.328, 109.195



100, 7.747, 110.437



85, 17.858, 22.074



53, 5.139, 110.377



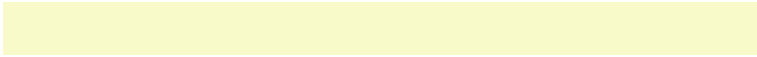
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

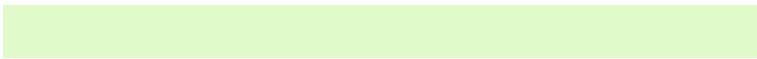
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 24.328, 109.195



99, 29.561, 108.835



95, 26.127, 128.779



52, 7.219, 110.112



74, 77.311, 104.156



25, 34.378, 104.240

Inverse Universe

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



83, 25.442, 293.102



81, 31.216, 293.600



85, 26.802, 310.536



48, 7.382, 291.962



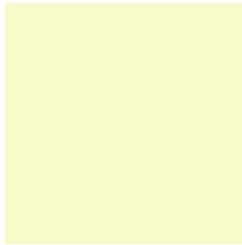
23, 106.603, 306.347



3, 42.088, 301.278

Previews

White Background



This preview shows how the CIE LCh color 97, 24.326, 109.190 looks on a white background.

Color Contrast Check

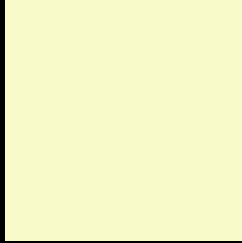
Large Text (above 18pt) WCAG AA × Fail

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, 24.326, 109.190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

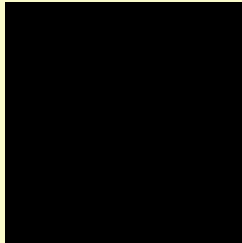
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 97, 24.326, 109.190

Background



This preview shows how black text looks on a background with the CIELCh color 97, 24.326, 109.190.

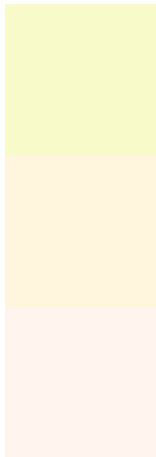


This preview shows how white text looks on a background with the CIELCh color 97, 24.326, 109.190.

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, 24.326, 109.190

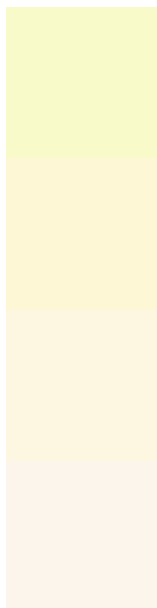
Protanopia
97, 13.139, 94.601

Deuteranopia
97, 4.969, 57.434



Tritanopia
97, 7.103, 319.977

Trichromacy



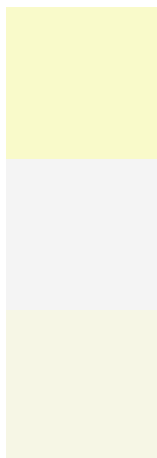
Original Color
97, 24.326, 109.190

Protanomaly
97, 16.922, 101.322

Deuteranomaly
97, 10.983, 95.893

Tritanomaly
97, 5.047, 84.594

Monochromacy



Original Color
97, 24.326, 109.190

Achromatopsia
96, 0.011, 296.813

Achromatomaly
96, 8.664, 109.502

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 24.326, 109.190 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, 202)` looks like.

```
.text, #text, p{  
    color:rgb(249, 250, 202)  
}
```

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, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 250, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 24.326, 109.190 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, 202) }
```

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

```
.border{ border-color:rgb(249, 250, 202) }
```

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, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 250, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 250, 202);  
box-shadow:4px 4px 4px 4px rgb(249, 250,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 24.326, 109.190 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, 202) }
```

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

```
.background{ background-color: rgb(249,  
250, 202) }
```

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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