

Converting Colors

CIE LCh(97, 6.330, 122.475)

Have a look what the booklet for
CIELCh(97, 6.330, 122.475) contains.

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Color

CIELCh(97, 6.288, 122.799)

Conversions

Conversions Part 1

Format	Color
Hex	F4F8EC
RGB	244, 248, 236
RGB Percent	96%, 97%, 93%
CMY	0.0431, 0.0274, 0.0744
CMYK	0.02, 0.00, 0.05, 0.03
HSL	80°, 46%, 95%
HSV	80°, 5%, 97%
XYZ	86.0313, 92.4403, 92.6802
YIQ	245.4360, 1.4680, -4.5800

Conversions

Conversions Part 2

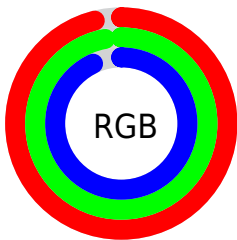
Format	Color
R _Y B	236, 248, 240
Decimal	16054508
CIE Lab	97.00, -3.41, 5.29
CIE LCh	97, 6.288, 122.799
Yxy	92.4403, 0.3173, 0.3409
Android (android.graphics.Color)	4294244588 (0xFFFF4F8EC)
YUV	245.4360, -4.6519, -1.2594
Hunter-Lab	96.1459, -8.5336, 10.1493

Details

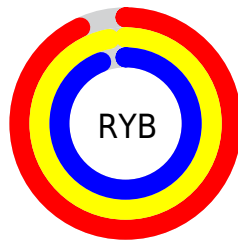
The CIELCh color **97, 6.288, 122.799** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **94, 6.365, 303.313**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 6.601, 122.725** is the 20% darker color. If you saturate the color by 10%, you get **96, 19.302, 122.246**, and if you desaturate by 10%, it is **98, 3.883, 312.952**.

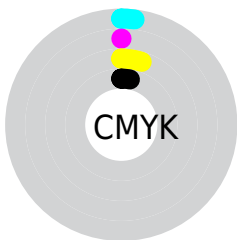
Distribution



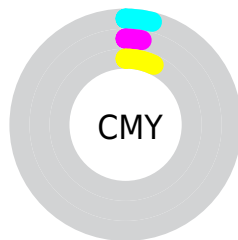
- Red (96%)
- Green (97%)
- Blue (93%)



- Red (93%)
- Yellow (97%)
- Blue (94%)



- Cyan (2%)
- Magenta (0%)
- Yellow (5%)
- Black (3%)



- Cyan (4%)
- Magenta (3%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 6.288, 122.799 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, 6.288, 122.799 by changing the saturation by 10% instead.

97, 6.288, 122.799

97, 6.288, 122.799

100, 6.288,
122.799

87, 6.288, 122.799

77, 6.288, 122.799

67, 6.288, 122.799

57, 6.288, 122.799

47, 6.288, 122.799

37, 6.288, 122.799

27, 6.288, 122.799

17, 6.288, 122.799

7, 6.288, 122.799

97, 6.288, 122.799

97, 6.288, 122.799

96, 19.302,
122.246

98, 3.883, 312.952

98, 4.342, 324.522

95, 32.227,
121.678

94, 44.946,
121.119

93, 57.279,
120.600

92, 68.957,
120.170

91, 79.589,
119.904

91, 88.646,
119.904

90, 95.540,
120.288

■ 90, 99.876,
121.153

Harmonies

Complementary

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



97, 6.288, 122.799



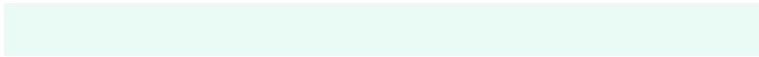
94, 6.365, 303.313

Rectangle

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



97, 6.288, 122.799



97, 6.288, 172.799



97, 6.288, 302.799



97, 6.288, 352.799

Sweetspot

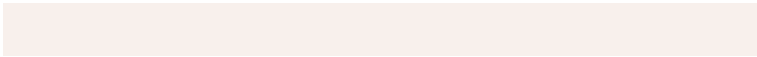
The Sweet Spot groups the original color and five complimentary colors.



97, 6.290, 122.809



100, 1.320, 123.059



95, 3.500, 55.148



53, 0.750, 123.065



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

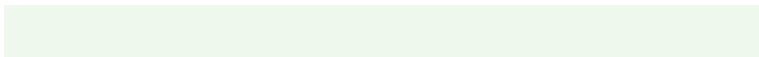
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 6.290, 122.809



99, 7.979, 122.743



97, 7.111, 139.609



52, 5.206, 122.707



70, 82.377, 121.485



23, 36.068, 120.139

Inverse Universe

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



94, 6.365, 303.313



95, 8.084, 303.381



94, 7.143, 319.983



49, 5.279, 303.419



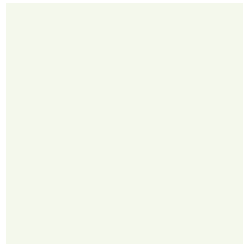
26, 102.956, 308.775



4, 42.925, 308.092

Previews

White Background



This preview shows how the CIE LCh color 97, 6.288, 122.799 looks on a white background.

Color Contrast Check

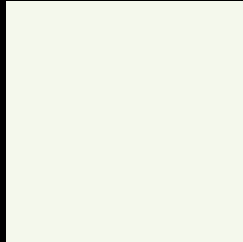
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 97, 6.288, 122.799 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

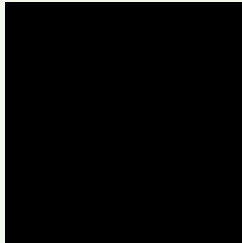
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

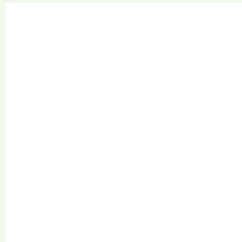
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 6.288, 122.799

Background



This preview shows how black text looks on a background with the CIELCh color 97, 6.288, 122.799.

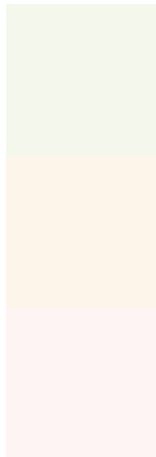


This preview shows how white text looks on a background with the CIELCh color 97, 6.288, 122.799.

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, 6.288, 122.799

Protanopia

97, 6.283, 82.444

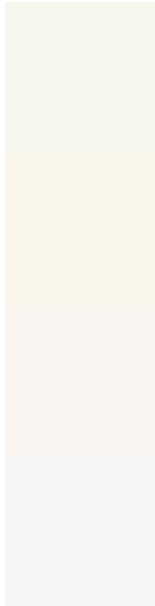
Deuteranopia

97, 3.905, 19.499



Tritanopia
97, 5.180, 298.262

Trichromacy



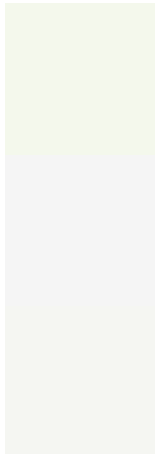
Original Color
97, 6.288, 122.799

Protanomaly
97, 5.771, 95.339

Deuteranomaly
97, 2.932, 63.309

Tritanomaly
97, 1.033, 290.329

Monochromacy



Original Color
97, 6.288, 122.799

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 2.067, 119.826

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 6.288, 122.799 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(244, 248, 236)` looks like.

```
.text, #text, p{  
    color:rgb(244, 248, 236)  
}
```

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(244, 248, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 248, 236) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 6.288, 122.799 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(244, 248, 236) }
```

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

```
.border{ border-color:rgb(244, 248, 236) }
```

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

Here you see how a box with a 4 pixel rgb(244, 248, 236) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 248, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 248, 236);  
box-shadow:4px 4px 4px 4px rgb(244, 248,  
236) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 6.288, 122.799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 248, 236) }
```

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

```
.background{ background-color: rgb(244,  
248, 236) }
```

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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