

Converting Colors

CIE LCh(97, 6.734, 128.281)

Have a look what the booklet for
CIELCh(97, 6.734, 128.281) contains.

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Color

CIELCh(97, 6.497, 128.878)

Conversions

Conversions Part 1

Format	Color
Hex	F2F8EC
RGB	242, 248, 236
RGB Percent	95%, 97%, 93%
CMY	0.0493, 0.0257, 0.0728
CMYK	0.02, 0.00, 0.05, 0.03
HSL	90°, 48%, 95%
HSV	90°, 5%, 97%
XYZ	85.6733, 92.4403, 93.0146
YIQ	244.8380, 0.2760, -5.0040

Conversions

Conversions Part 2

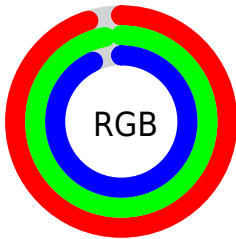
Format	Color
R _Y B	236, 248, 242
Decimal	15923436
CIE Lab	97.00, -4.08, 5.06
CIE LCh	97, 6.497, 128.878
Yxy	92.4403, 0.3160, 0.3409
Android (android.graphics.Color)	4294113516 (0xFFFF2F8EC)
YUV	244.8380, -4.3571, -2.4889
Hunter-Lab	96.1459, -9.1982, 9.9431

Details

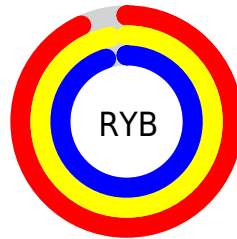
The CIELCh color **97, 6.497, 128.878** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **94, 6.561, 309.267**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 6.821, 128.814** is the 20% darker color. If you saturate the color by 10%, you get **96, 20.000, 128.409**, and if you desaturate by 10%, it is **98, 4.055, 323.955**.

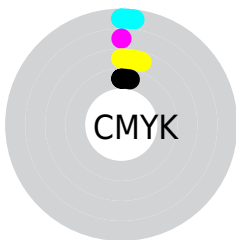
Distribution



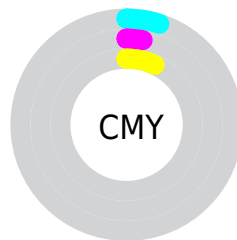
- Red (95%)
- Green (97%)
- Blue (93%)



- Red (93%)
- Yellow (97%)
- Blue (95%)



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



- Cyan (5%)
- Magenta (3%)
- Yellow (7%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 6.497, 128.878 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, 6.497, 128.878 by changing the saturation by 10% instead.

 97, 6.497, 128.878

 97, 6.497, 128.878

 100, 6.497,
128.878

 87, 6.497, 128.878

 77, 6.497, 128.878

 67, 6.497, 128.878

 57, 6.497, 128.878

 47, 6.497, 128.878

 37, 6.497, 128.878

 27, 6.497, 128.878

 17, 6.497, 128.878

 7, 6.497, 128.878

97, 6.497, 128.878

97, 6.497, 128.878

96, 20.000,
128.409

98, 4.055, 323.955

94, 33.461,
127.922

98, 4.082, 324.508

93, 46.754,
127.430

92, 59.687,
126.964

91, 71.984,
126.574

90, 83.249,
126.339

89, 92.954,
126.371

89, 100.505,
126.803

■ 88,105.496,
127.734

Harmonies

Complementary

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



97, 6.497, 128.878



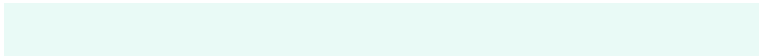
94, 6.561, 309.267

Rectangle

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



97, 6.497, 128.878



97, 6.497, 178.878



97, 6.497, 308.878



97, 6.497, 358.878

Sweetspot

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



97, 6.499, 128.885



100, 1.363, 129.136



96, 3.723, 74.714



53, 0.774, 129.144



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, 6.499, 128.885



99, 8.245, 128.828



97, 7.498, 144.206



52, 5.381, 128.798



69, 87.018, 128.075



22, 37.820, 126.653

Inverse Universe

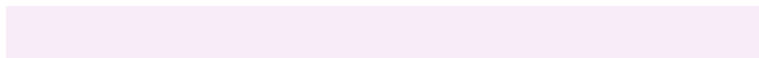
The Inverse Universe completely reimagines the original color for something new.



94, 6.561, 309.267



96, 8.330, 309.325



95, 7.519, 324.668



50, 5.439, 309.356



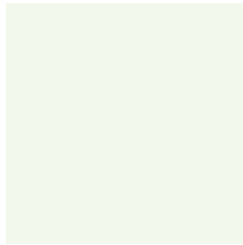
30, 99.518, 311.885



6, 43.245, 312.692

Previews

White Background



This preview shows how the CIE LCh color 97, 6.497, 128.878 looks on a white background.

Color Contrast Check

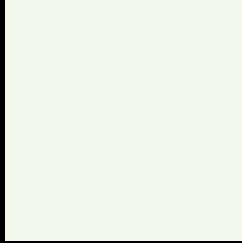
Large Text (above 18pt) WCAG AA × Fail

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, 6.497, 128.878 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

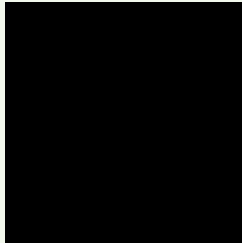
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

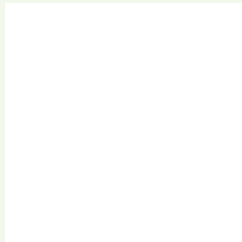
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 6.497, 128.878

Background



This preview shows how black text looks on a background with the CIELCh color 97, 6.497, 128.878.

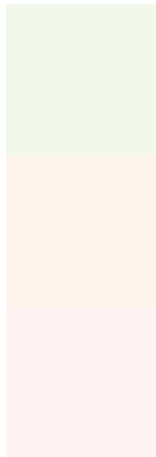


This preview shows how white text looks on a background with the CIELCh color 97, 6.497, 128.878.

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, 6.497, 128.878

Protanopia

97, 5.831, 80.220

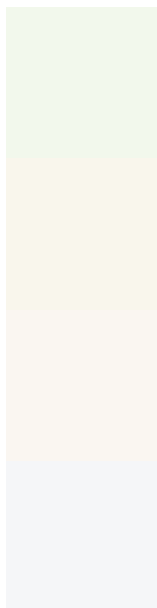
Deuteranopia

97, 3.905, 19.499



Tritanopia
97, 5.141, 294.439

Trichromacy



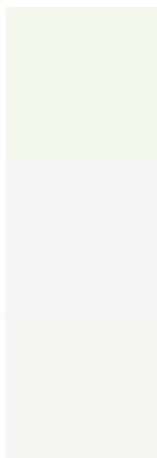
Original Color
97, 6.497, 128.878

Protanomaly
97, 5.195, 97.847

Deuteranomaly
97, 2.899, 80.602

Tritanomaly
97, 1.085, 271.534

Monochromacy



Original Color
97, 6.497, 128.878

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 2.160, 129.062

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 6.497, 128.878 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(242, 248, 236)` looks like.

```
.text, #text, p{  
    color:rgb(242, 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(242, 248, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 248, 236) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 6.497, 128.878 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(242, 248, 236) }
```

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

```
.border{ border-color:rgb(242, 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(242, 248, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 248, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 248, 236);  
box-shadow:4px 4px 4px 4px rgb(242, 248,  
236) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 6.497, 128.878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 248, 236) }
```

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

```
.background{ background-color: rgb(242,  
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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