

Converting Colors

CIE LCh(97, 2.430, 129.152)

Have a look what the booklet for
CIELCh(97, 2.430, 129.152) contains.

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Color

CIELCh(97, 2.158, 129.062)

Conversions

Conversions Part 1

Format	Color
Hex	F5F7F3
RGB	245, 247, 243
RGB Percent	96%, 97%, 95%
CMY	0.0390, 0.0312, 0.0469
CMYK	0.01, 0.00, 0.02, 0.03
HSL	90°, 20%, 96%
HSV	90°, 2%, 97%
XYZ	87.1279, 92.4403, 98.0771
YIQ	245.9460, 0.0920, -1.6680

Conversions

Conversions Part 2

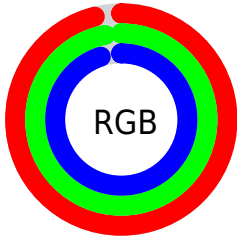
Format	Color
R _Y B	243, 247, 245
Decimal	16119795
CIE Lab	97.00, -1.36, 1.68
CIE LCh	97, 2.158, 129.062
Yxy	92.4403, 0.3138, 0.3329
Android (android.graphics.Color)	4294309875 (0xFF5F7F3)
YUV	245.9460, -1.4524, -0.8296
Hunter-Lab	96.1459, -6.4977, 6.8212

Details

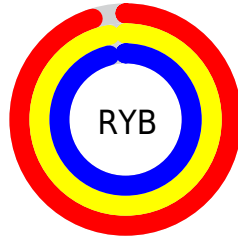
The CIELCh color **97, 2.158, 129.062** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **96, 2.187, 309.095**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 2.267, 129.029** is the 20% darker color. If you saturate the color by 10%, you get **96, 15.591, 128.575**, and if you desaturate by 10%, it is **98, 4.951, 324.552**.

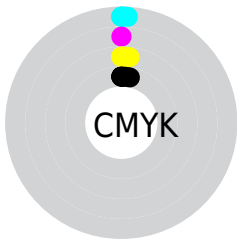
Distribution



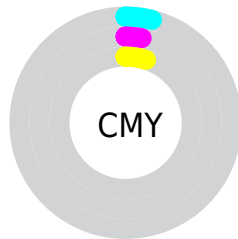
- Red (96%)
- Green (97%)
- Blue (95%)



- Red (95%)
- Yellow (97%)
- Blue (96%)



- Cyan (1%)
- Magenta (0%)
- Yellow (2%)
- Black (3%)



- Cyan (4%)
- Magenta (3%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 2.158, 129.062 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, 2.158, 129.062 by changing the saturation by 10% instead.

97, 2.158, 129.062

97, 2.158, 129.062

100, 2.158,
129.062

87, 2.158, 129.062

77, 2.158, 129.062

67, 2.158, 129.062

57, 2.158, 129.062

47, 2.158, 129.062

37, 2.158, 129.062

27, 2.158, 129.062

17, 2.158, 129.062

7, 2.158, 129.062

97, 2.158, 129.062

97, 2.158, 129.062

96, 15.591,
128.575

98, 4.951, 324.552

94, 29.017,
128.093

93, 42.322,
127.600

92, 55.338,
127.122

91, 67.821,
126.700

90, 79.420,
126.404

89, 89.648,
126.336

88, 97.920,
126.624

■ 88,103.732,
127.387

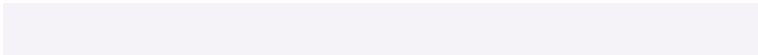
Harmonies

Complementary

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



97, 2.158, 129.062



96, 2.187, 309.095

Rectangle

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



97, 2.158, 129.062



97, 2.158, 179.062



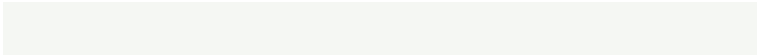
97, 2.158, 309.062



97, 2.158, 359.062

Sweetspot

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



97, 2.160, 129.082

100, 0.012, 296.813



97, 1.228, 74.872



53, 0.007, 296.813



0, 0.000, 0.000

Same Dimension

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



97, 2.160, 129.082



100, 2.738, 129.053



97, 2.490, 144.473



51, 1.505, 129.060



68, 86.138, 128.071



21, 36.501, 126.820

Inverse Universe

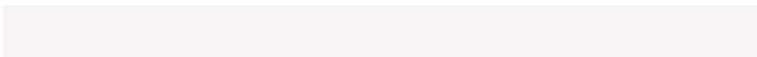
The Inverse Universe completely reimagines the original color for something new.



96, 2.187, 309.095



99, 2.767, 309.124



96, 2.510, 324.411



51, 1.522, 309.116



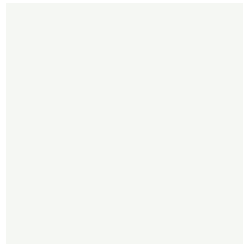
29, 98.498, 311.904



5, 41.490, 312.436

Previews

White Background



This preview shows how the CIE LCh color 97, 2.158, 129.062 looks on a white background.

Color Contrast Check

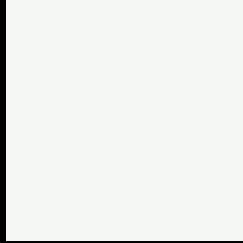
Large Text (above 18pt) WCAG AA × Fail

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, 2.158, 129.062 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

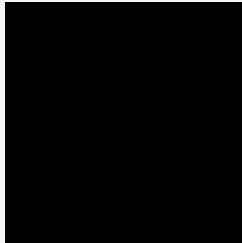
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

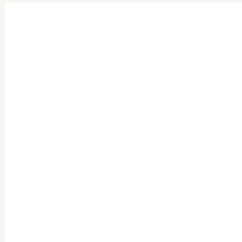
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 2.158, 129.062

Background



This preview shows how black text looks on a background with the CIELCh color 97, 2.158, 129.062.

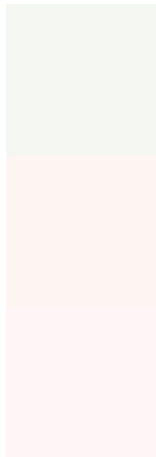


This preview shows how white text looks on a background with the CIELCh color 97, 2.158, 129.062.

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, 2.158, 129.062

Protanopia

97, 2.903, 51.088

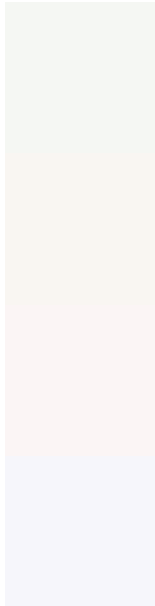
Deuteranopia

97, 4.037, 4.883



Tritanopia
97, 5.180, 298.262

Trichromacy



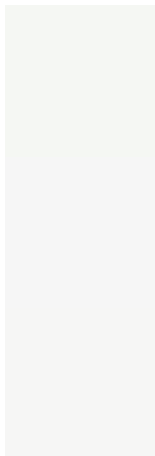
Original Color
97, 2.158, 129.062

Protanomaly
97, 2.282, 82.223

Deuteranomaly
97, 2.121, 19.242

Tritanomaly
97, 2.566, 290.402

Monochromacy



Original Color
97, 2.158, 129.062

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 0.500, 109.989

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 2.158, 129.062 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(245, 247, 243)` looks like.

```
.text, #text, p{  
    color:rgb(245, 247, 243)  
}
```

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(245, 247, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 247, 243) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 2.158, 129.062 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(245, 247, 243) }
```

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

```
.border{ border-color:rgb(245, 247, 243) }
```

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

Here you see how a box with a 4 pixel rgb(245, 247, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 247, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 247, 243);  
box-shadow:4px 4px 4px 4px rgb(245, 247,  
243) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 2.158, 129.062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 247, 243) }
```

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

```
.background{ background-color: rgb(245,  
247, 243) }
```

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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