

Converting Colors

CIELCh(97, 3.842, 175.438)

Have a look what the booklet for
CIELCh(97, 3.842, 175.438) contains.

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Color

CIELCh(97, 3.829, 175.739)

Conversions

Conversions Part 1

Format	Color
Hex	EFF9F6
RGB	239, 249, 246
RGB Percent	94%, 98%, 96%
CMY	0.0642, 0.0250, 0.0367
CMYK	0.04, 0.00, 0.01, 0.02
HSL	162°, 44%, 96%
HSV	162°, 4%, 98%
XYZ	85.8115, 92.4403, 100.2115
YIQ	245.6680, -4.9970, -3.0530

Conversions

Conversions Part 2

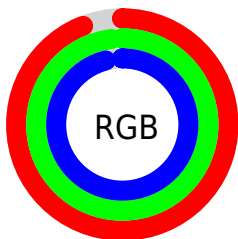
Format	Color
R _Y B	239, 245, 249
Decimal	15727094
CIE Lab	97.00, -3.82, 0.28
CIE LCh	97, 3.829, 175.739
Yxy	92.4403, 0.3082, 0.3320
Android (android.graphics.Color)	4293917174 (0xFFEFF9F6)
YUV	245.6680, 0.1637, -5.8478
Hunter-Lab	96.1459, -8.9416, 5.5050

Details

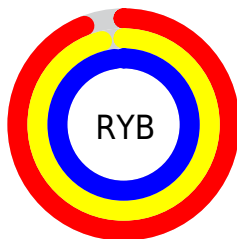
The CIELCh color **97, 3.829, 175.739** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **95, 3.885, 356.170**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 4.016, 175.607** is the 20% darker color. If you saturate the color by 10%, you get **95, 13.270, 174.660**, and if you desaturate by 10%, it is **98, 3.210, 334.284**.

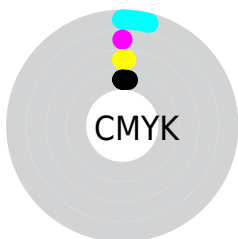
Distribution



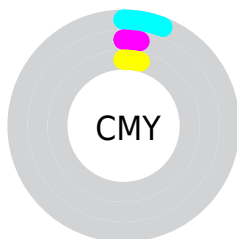
- Red (94%)
- Green (98%)
- Blue (96%)



- Red (94%)
- Yellow (96%)
- Blue (98%)



- Cyan (4%)
- Magenta (0%)
- Yellow (1%)
- Black (2%)



- Cyan (6%)
- Magenta (3%)
- Yellow (4%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 3.829, 175.739 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, 3.829, 175.739 by changing the saturation by 10% instead.

 97, 3.829, 175.739

 97, 3.829, 175.739

 100, 3.829,
175.739

 87, 3.829, 175.739

 77, 3.829, 175.739

 67, 3.829, 175.739

 57, 3.829, 175.739

 47, 3.829, 175.739

 37, 3.829, 175.739

 27, 3.829, 175.739

 17, 3.829, 175.739

 7, 3.829, 175.739

97, 3.829, 175.739

97, 3.829, 175.739

95, 13.270,
174.660

98, 3.210, 334.284

98, 3.963, 324.502

93, 22.462,
173.614

92, 31.261,
172.490


91, 39.504,
171.261

90, 47.031,
169.903

89, 53.697,
168.390

88, 59.401,
166.696

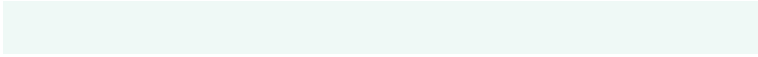
88, 64.108,
164.803

 87, 67.875,
162.707

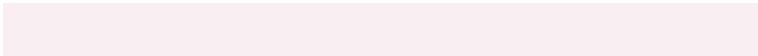
Harmonies

Complementary

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



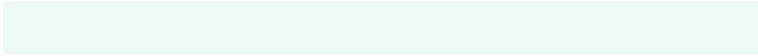
97, 3.829, 175.739



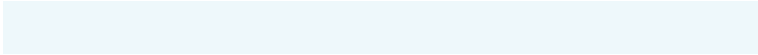
95, 3.885, 356.170

Rectangle

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



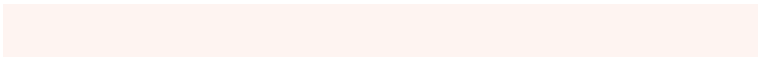
97, 3.829, 175.739



97, 3.829, 225.739



97, 3.829, 355.739



97, 3.829, 45.739

Sweetspot

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



97, 3.831, 175.719



100, 0.969, 176.441



97, 5.664, 135.073



53, 0.551, 176.476



0, 0.000, 0.000



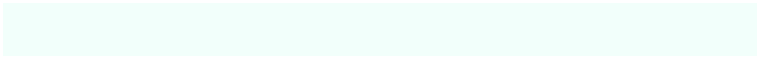
53, 0.007, 296.813

Same Dimension

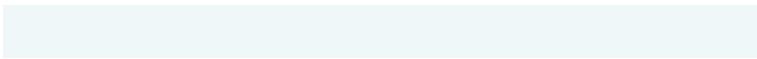
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 3.831, 175.719



99, 4.859, 175.599



97, 2.975, 217.847



52, 3.260, 175.521



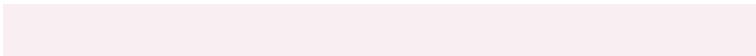
68, 56.379, 161.799



22, 24.310, 164.946

Inverse Universe

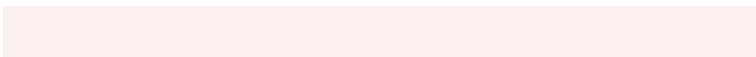
The Inverse Universe completely reimagines the original color for something new.



95, 3.885, 356.170



97, 4.938, 356.293



96, 3.047, 37.299



50, 3.318, 356.374



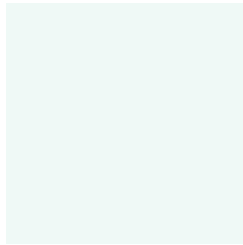
40, 69.950, 21.180



9, 30.571, 12.012

Previews

White Background



This preview shows how the CIE LCh color 97, 3.829, 175.739 looks on a white background.

Color Contrast Check

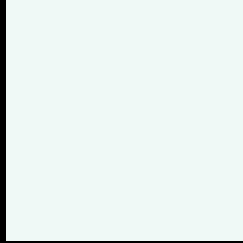
Large Text (above 18pt) WCAG AA × Fail

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, 3.829, 175.739 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

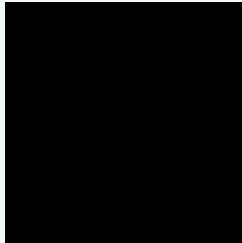
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

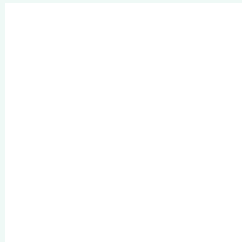
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 3.829, 175.739

Background



This preview shows how black text looks on a background with the CIELCh color 97, 3.829, 175.739.

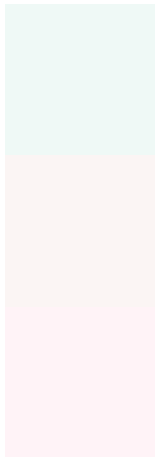


This preview shows how white text looks on a background with the CIELCh color 97, 3.829, 175.739.

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

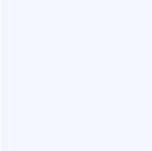
97, 3.829, 175.739

Protanopia

97, 2.177, 32.788

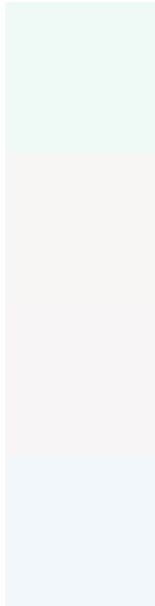
Deuteranopia

97, 4.729, 354.009



Tritanopia
97, 4.650, 282.004

Trichromacy



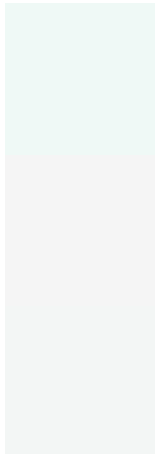
Original Color
97, 3.829, 175.739

Protanomaly
97, 0.608, 74.613

Deuteranomaly
97, 1.756, 343.510

Tritanomaly
97, 3.071, 256.057

Monochromacy



Original Color
97, 3.829, 175.739

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 1.171, 174.046

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 3.829, 175.739 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(239, 249, 246)` looks like.

```
.text, #text, p{  
    color:rgb(239, 249, 246)  
}
```

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(239, 249, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 249, 246) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 3.829, 175.739 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(239, 249, 246) }
```

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

```
.border{ border-color:rgb(239, 249, 246) }
```

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

Here you see how a box with a 4 pixel rgb(239, 249, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 249, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 249, 246);  
box-shadow:4px 4px 4px 4px rgb(239, 249,  
246) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 3.829, 175.739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 249, 246) }
```

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

```
.background{ background-color: rgb(239,  
249, 246) }
```

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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