

Converting Colors

CIELCh(97, 3.519, 173.516)

Have a look what the booklet for
CIELCh(97, 3.519, 173.516) contains.

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Color

CIELCh(97, 3.516, 173.517)

Conversions

Conversions Part 1

Format	Color
Hex	EFF8F5
RGB	239, 248, 245
RGB Percent	94%, 97%, 96%
CMY	0.0611, 0.0258, 0.0375
CMYK	0.04, 0.00, 0.01, 0.03
HSL	160°, 41%, 96%
HSV	160°, 4%, 97%
XYZ	85.9847, 92.4403, 100.0378
YIQ	244.9670, -4.4010, -2.8410

Conversions

Conversions Part 2

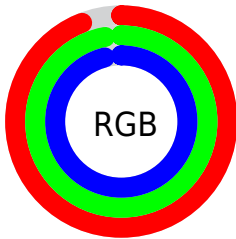
Format	Color
R _Y B	239, 244, 248
Decimal	15726837
CIE Lab	97.00, -3.49, 0.40
CIE LCh	97, 3.516, 173.517
Yxy	92.4403, 0.3088, 0.3320
Android (android.graphics.Color)	4293916917 (0xFFEFF8F5)
YUV	244.9670, 0.0163, -5.2331
Hunter-Lab	96.1459, -8.6201, 5.6121

Details

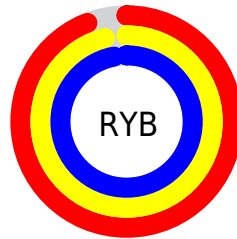
The CIELCh color **97, 3.516, 173.517** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **95, 3.561, 353.851**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 3.689, 173.393** is the 20% darker color. If you saturate the color by 10%, you get **95, 13.164, 172.432**, and if you desaturate by 10%, it is **98, 3.568, 330.430**.

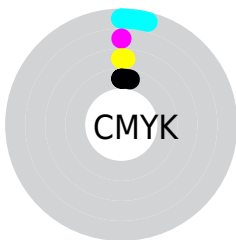
Distribution



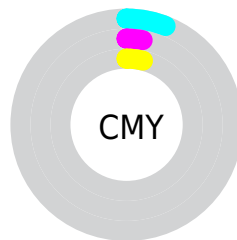
- Red (94%)
- Green (97%)
- Blue (96%)



- Red (94%)
- Yellow (96%)
- Blue (97%)



- Cyan (4%)
- Magenta (0%)
- Yellow (1%)
- Black (3%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 3.516, 173.517 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, 3.516, 173.517 by changing the saturation by 10% instead.

97, 3.516, 173.517

97, 3.516, 173.517

100, 3.516,
173.517

87, 3.516, 173.517

77, 3.516, 173.517

67, 3.516, 173.517

57, 3.516, 173.517

47, 3.516, 173.517

37, 3.516, 173.517

27, 3.516, 173.517

17, 3.516, 173.517

7, 3.516, 173.517

97, 3.516, 173.517

97, 3.516, 173.517

95, 13.164,
172.432

98, 3.568, 330.430

98, 4.089, 324.509

93, 22.599,
171.385

92, 31.676,
170.254

91, 40.232,
169.011

90, 48.102,
167.631

89, 55.136,
166.087

88, 61.225,
164.355

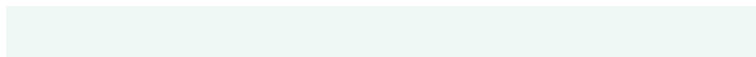
88, 66.323,
162.416

■ 87,70.481,
160.270

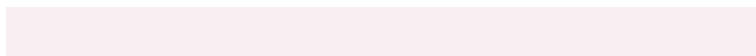
Harmonies

Complementary

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



97, 3.516, 173.517



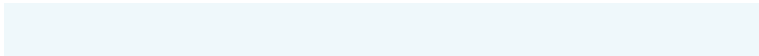
95, 3.561, 353.851

Rectangle

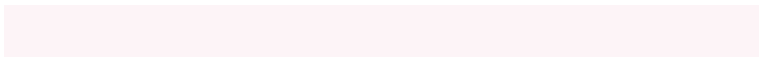
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



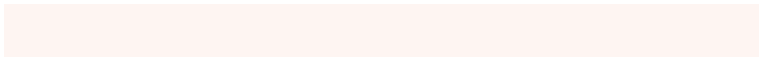
97, 3.516, 173.517



97, 3.516, 223.517



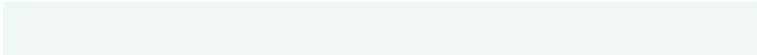
97, 3.516, 353.517



97, 3.516, 43.517

Sweetspot

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



97, 3.518, 173.497



100, 0.987, 174.146



97, 5.054, 134.019



53, 0.561, 174.180



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

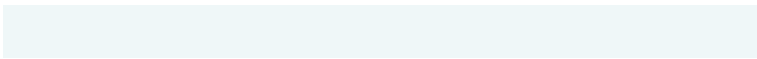
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 3.518, 173.497



99, 3.964, 173.447



97, 2.741, 214.091



52, 2.771, 173.357



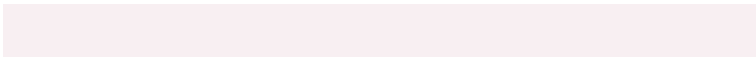
68, 58.778, 159.250



22, 25.231, 162.494

Inverse Universe

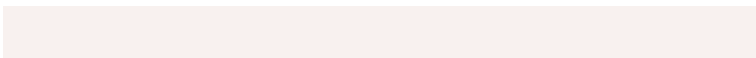
The Inverse Universe completely reimagines the original color for something new.



95, 3.561, 353.851



97, 4.015, 353.901



96, 2.802, 33.625



51, 2.810, 353.993



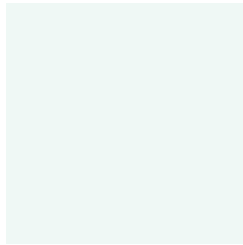
40, 68.938, 18.107



9, 30.489, 9.677

Previews

White Background



This preview shows how the CIE LCh color 97, 3.516, 173.517 looks on a white background.

Color Contrast Check

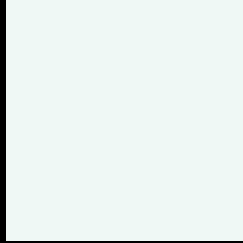
Large Text (above 18pt) WCAG AA × Fail

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, 3.516, 173.517 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

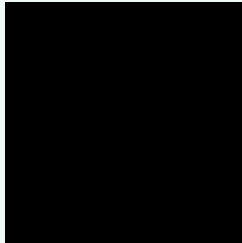
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

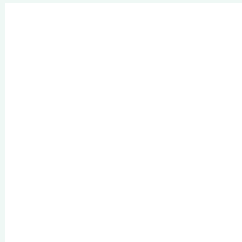
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 3.516, 173.517

Background



This preview shows how black text looks on a background with the CIELCh color 97, 3.516, 173.517.

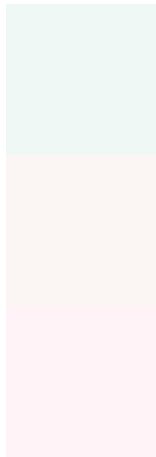


This preview shows how white text looks on a background with the CIELCh color 97, 3.516, 173.517.

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, 3.516, 173.517

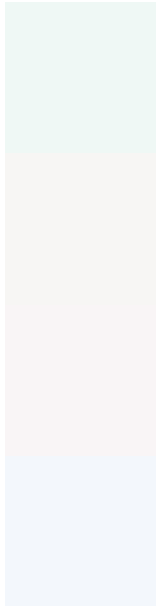
Protanopia
97, 2.346, 45.010

Deuteranopia
97, 4.729, 354.009



Tritanopia
97, 4.617, 286.251

Trichromacy



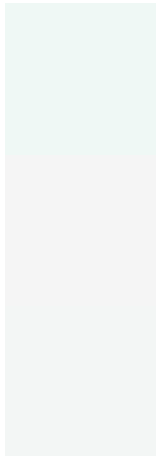
Original Color
97, 3.516, 173.517

Protanomaly
97, 1.066, 90.711

Deuteranomaly
97, 1.509, 359.280

Tritanomaly
97, 2.895, 261.776

Monochromacy



Original Color
97, 3.516, 173.517

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, 3.516, 173.517 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, 248, 245)` looks like.

```
.text, #text, p{  
    color:rgb(239, 248, 245)  
}
```

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, 248, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 248, 245) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 3.516, 173.517 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, 248, 245) }
```

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

```
.border{ border-color:rgb(239, 248, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 248, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 248, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 248, 245);  
box-shadow:4px 4px 4px 4px rgb(239, 248,  
245) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 3.516, 173.517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 248, 245) }
```

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

```
.background{ background-color: rgb(239,  
248, 245) }
```

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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