

Converting Colors

CIE LCh(97, 7.990, 172.170)

Have a look what the booklet for
CIELCh(97, 7.990, 172.170) contains.

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Color

CIELCh(97, 7.869, 171.928)

Conversions

Conversions Part 1

Format	Color
Hex	E7FBF4
RGB	231, 251, 244
RGB Percent	91%, 98%, 96%
CMY	0.0945, 0.0160, 0.0435
CMYK	0.08, 0.00, 0.03, 0.02
HSL	159°, 71%, 94%
HSV	159°, 8%, 98%
XYZ	83.7126, 92.4403, 98.9490
YIQ	244.2220, -9.6730, -6.4170

Conversions

Conversions Part 2

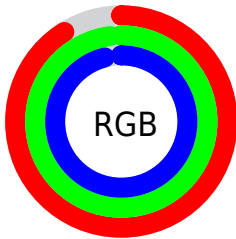
Format	Color
R_{YB}	231, 243, 251
Decimal	15203316
CIE _{Lab}	97.00, -7.79, 1.10
CIE _{LCh}	97, 7.869, 171.928
Yxy	92.4403, 0.3043, 0.3360
Android (android.graphics.Color)	4293393396 (0xFFE7FBF4)
YUV	244.2220, -0.1094, -11.5957
Hunter-Lab	96.1459, -12.8384, 6.2835

Details

The CIELCh color **97, 7.869, 171.928** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **93, 8.029, 353.260**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 7.675, 174.038** is the 20% darker color. If you saturate the color by 10%, you get **95, 17.634, 170.900**, and if you desaturate by 10%, it is **99, 1.709, 347.060**.

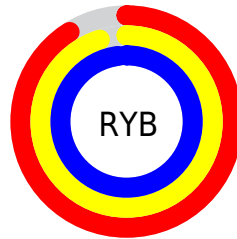
Distribution



Red (91%)

Green (98%)

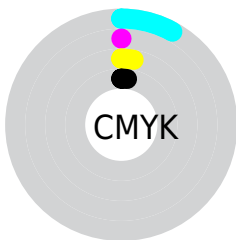
Blue (96%)



Red (91%)

Yellow (95%)

Blue (98%)

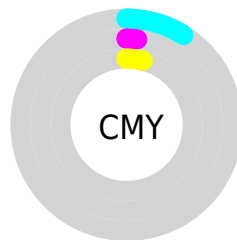


Cyan (8%)

Magenta (0%)

Yellow (3%)

Black (2%)



Cyan (9%)

Magenta (2%)

Yellow (4%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 7.869, 171.928 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, 7.869, 171.928 by changing the saturation by 10% instead.

 97, 7.869, 171.928

 97, 7.869, 171.928

 100, 7.869,
171.928

 87, 7.869, 171.928

 77, 7.869, 171.928

 67, 7.869, 171.928

 57, 7.869, 171.928

 47, 7.869, 171.928

 37, 7.869, 171.928

 27, 7.869, 171.928

 17, 7.869, 171.928

 7, 7.869, 171.928

97, 7.869, 171.928

97, 7.869, 171.928

95, 17.634,
170.900

99, 1.709, 347.060

94, 27.136,
169.819

99, 2.543, 324.409

92, 36.220,
168.637

91, 44.717,
167.329

90, 52.463,
165.868

89, 59.319,
164.228

89, 65.195,
162.386

88, 70.083,
160.333

 88, 74.092,
158.089

Harmonies

Complementary

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



97, 7.869, 171.928



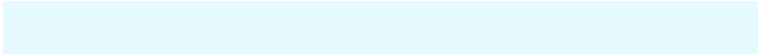
93, 8.029, 353.260

Rectangle

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



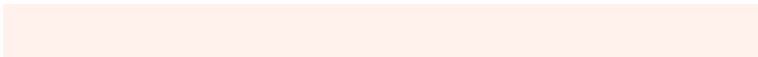
97, 7.869, 171.928



97, 7.869, 221.928



97, 7.869, 351.928



97, 7.869, 41.928

Sweetspot

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



97, 7.871, 171.920



100, 2.000, 172.677



97, 11.186, 133.266



53, 1.137, 172.700



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

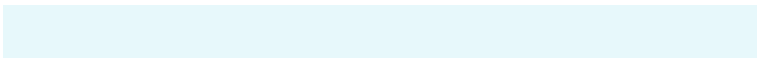
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 7.871, 171.920



98, 9.995, 171.712



97, 6.083, 212.135



51, 5.591, 171.764



68, 59.979, 158.064



22, 25.694, 161.346

Inverse Universe

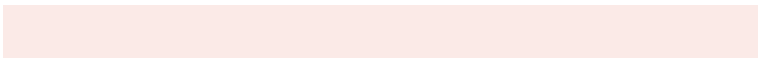
The Inverse Universe completely reimagines the original color for something new.



93, 8.029, 353.260



93, 10.242, 353.477



94, 6.404, 32.044



49, 5.722, 353.422



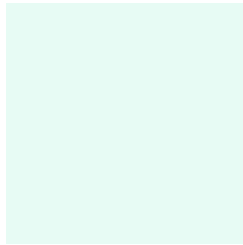
40, 68.524, 16.553



9, 30.466, 8.445

Previews

White Background



This preview shows how the CIE LCh color 97, 7.869, 171.928 looks on a white background.

Color Contrast Check

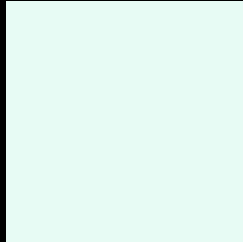
Large Text (above 18pt) WCAG AA × Fail

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, 7.869, 171.928 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

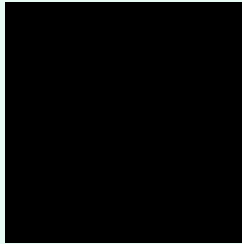
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

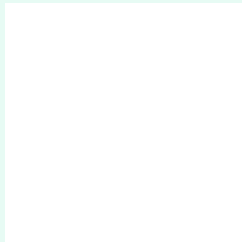
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 7.869, 171.928

Background



This preview shows how black text looks on a background with the CIELCh color 97, 7.869, 171.928.

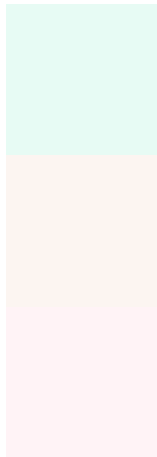


This preview shows how white text looks on a background with the CIELCh color 97, 7.869, 171.928.

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, 7.869, 171.928

Protanopia

97, 3.200, 58.880

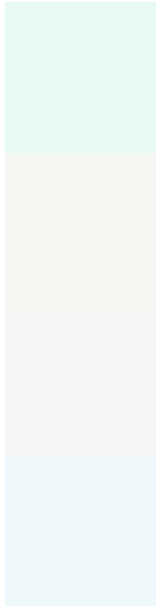
Deuteranopia

97, 4.532, 359.827



Tritanopia
97, 4.417, 267.541

Trichromacy



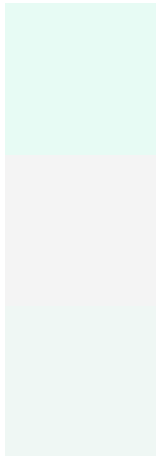
Original Color
97, 7.869, 171.928

Protanomaly
97, 2.765, 132.464

Deuteranomaly
97, 0.500, 109.989

Tritanomaly
97, 3.760, 223.478

Monochromacy



Original Color
97, 7.869, 171.928

Achromatopsia
96, 0.011, 296.813

Achromatomaly
97, 3.208, 170.853

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 7.869, 171.928 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(231, 251, 244)` looks like.

```
.text, #text, p{  
    color:rgb(231, 251, 244)  
}
```

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(231, 251, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 251, 244) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 7.869, 171.928 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(231, 251, 244) }
```

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

```
.border{ border-color:rgb(231, 251, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 251, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 251, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 251, 244);  
box-shadow:4px 4px 4px 4px rgb(231, 251,  
244) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 7.869, 171.928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 251, 244) }
```

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

```
.background{ background-color: rgb(231,  
251, 244) }
```

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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