

Converting Colors

CIELCh(97, 8.589, 194.704)

Have a look what the booklet for
CIELCh(97, 8.589, 194.704) contains.

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Color

CIELCh(97, 8.584, 195.505)

Conversions

Conversions Part 1

Format	Color
Hex	E2FBFA
RGB	226, 251, 250
RGB Percent	89%, 98%, 98%
CMY	0.1120, 0.0139, 0.0179
CMYK	0.10, 0.00, 0.00, 0.01
HSL	178°, 78%, 94%
HSV	178°, 10%, 99%
XYZ	83.4610, 92.4403, 104.2503
YIQ	243.4110, -14.5790, -5.6110

Conversions

Conversions Part 2

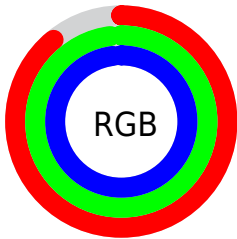
Format	Color
R_{YB}	226, 239, 251
Decimal	14875642
CIE _{Lab}	97.00, -8.27, -2.29
CIE _{LCh}	97, 8.584, 195.505
Yxy	92.4403, 0.2979, 0.3300
Android (android.graphics.Color)	4293065722 (0xFFE2FBFA)
YUV	243.4110, 3.2484, -15.2694
Hunter-Lab	96.1459, -13.3054, 3.0144

Details

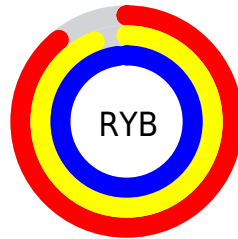
The CIELCh color `97, 8.584, 195.505` is a light color, and the websafe version is hex `CCFFFF`. A complement of this color would be `92, 9.105, 16.734`, and the grayscale version is `96, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `77, 8.212, 198.834` is the 20% darker color. If you saturate the color by 10%, you get `95, 16.764, 194.821`, and if you desaturate by 10%, it is `99, 0.050, 3.071`.

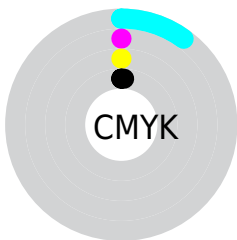
Distribution



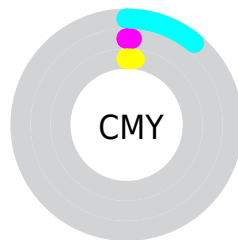
- Red (89%)
- Green (98%)
- Blue (98%)



- Red (89%)
- Yellow (94%)
- Blue (98%)



- Cyan (10%)
- Magenta (0%)
- Yellow (0%)
- Black (1%)



- Cyan (11%)
- Magenta (1%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 8.584, 195.505 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, 8.584, 195.505 by changing the saturation by 10% instead.

97, 8.584, 195.505

97, 8.584, 195.505

100, 8.584,
195.505

87, 8.584, 195.505

77, 8.584, 195.505

67, 8.584, 195.505

57, 8.584, 195.505

47, 8.584, 195.505

37, 8.584, 195.505

27, 8.584, 195.505

17, 8.584, 195.505

7, 8.584, 195.505

97, 8.584, 195.505

97, 8.584, 195.505

95, 16.764,
194.821

99, 0.050, 3.071

94, 24.343,
194.195

99, 1.358, 356.658

99, 1.631, 339.891

93, 31.177,
193.598

99, 2.002, 328.613

92, 37.123,
193.026


99, 2.214, 324.379

91, 42.065,
192.475

90, 45.924,
191.938

90, 48.681,
191.405

90, 50.390,
190.863

 90, 51.257,
190.304

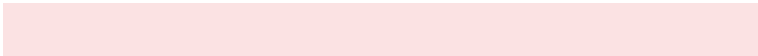
Harmonies

Complementary

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



97, 8.584, 195.505



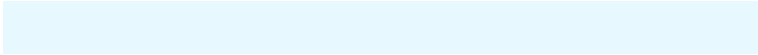
92, 9.105, 16.734

Rectangle

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



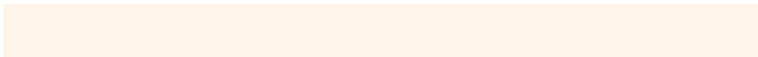
97, 8.584, 195.505



97, 8.584, 245.505



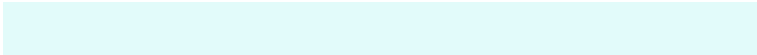
97, 8.584, 15.505



97, 8.584, 65.505

Sweetspot

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



97, 8.585, 195.493



99, 2.658, 196.116



97, 15.394, 142.563



53, 2.012, 196.011



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

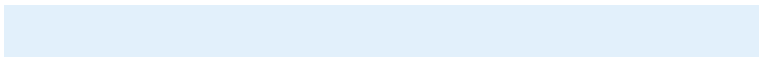
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 8.585, 195.493



98, 10.424, 195.347



94, 7.379, 251.120



51, 4.887, 195.526



69, 41.287, 190.403



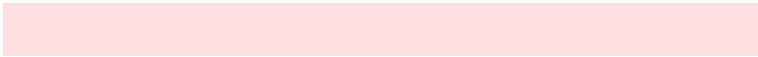
23, 18.595, 191.135

Inverse Universe

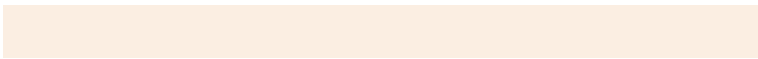
The Inverse Universe completely reimagines the original color for something new.



92, 9.105, 16.734



92, 11.196, 16.919



95, 7.618, 68.611



49, 5.169, 16.693



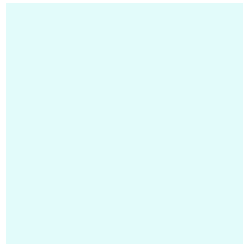
39, 81.655, 38.438



9, 31.905, 24.532

Previews

White Background



This preview shows how the CIELCh color 97, 8.584, 195.505 looks on a white background.

Color Contrast Check

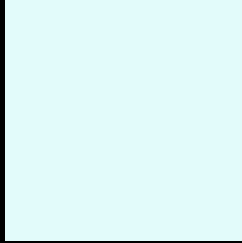
Large Text (above 18pt) WCAG AA × Fail

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, 8.584, 195.505 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

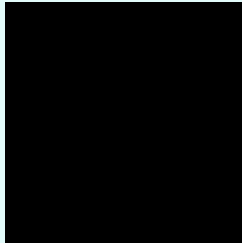
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

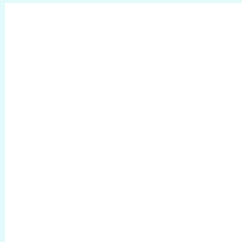
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 8.584, 195.505

Background



This preview shows how black text looks on a background with the CIELCh color 97, 8.584, 195.505.

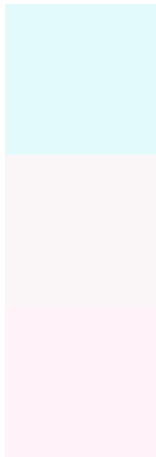


This preview shows how white text looks on a background with the CIELCh color 97, 8.584, 195.505.

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, 8.584, 195.505

Protanopia

97, 2.052, 349.337

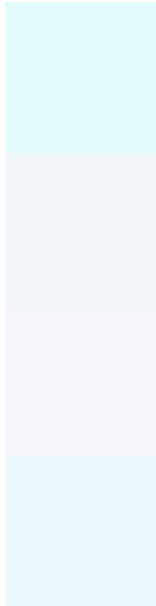
Deuteranopia

97, 5.253, 343.947



Tritanopia
97, 4.715, 259.792

Trichromacy



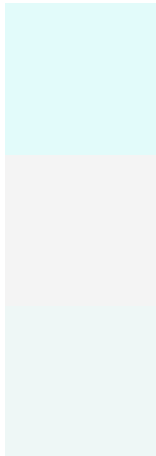
Original Color
97, 8.584, 195.505

Protanomaly
97, 2.146, 213.371

Deuteranomaly
97, 2.079, 280.719

Tritanomaly
97, 5.193, 222.476

Monochromacy



Original Color
97, 8.584, 195.505

Achromatopsia
96, 0.011, 296.813

Achromatomaly
97, 3.185, 190.155

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 8.584, 195.505 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(226, 251, 250)` looks like.

```
.text, #text, p{  
    color:rgb(226, 251, 250)  
}
```

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(226, 251, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 251, 250) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 8.584, 195.505 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(226, 251, 250) }
```

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

```
.border{ border-color:rgb(226, 251, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 251, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 251, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 251, 250);  
box-shadow:4px 4px 4px 4px rgb(226, 251,  
250) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 8.584, 195.505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 251, 250) }
```

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

```
.background{ background-color: rgb(226,  
251, 250) }
```

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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