

Converting Colors

CIE LCh(97, 7.557, 197.580)

Have a look what the booklet for
CIELCh(97, 7.557, 197.580) contains.

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Color

CIELCh(97, 7.582, 195.129)

Conversions

Conversions Part 1

Format	Color
Hex	E5FBFA
RGB	229, 251, 250
RGB Percent	90%, 98%, 98%
CMY	0.1025, 0.0162, 0.0201
CMYK	0.09, 0.00, 0.00, 0.02
HSL	177°, 73%, 94%
HSV	177°, 9%, 98%
XYZ	83.9600, 92.4403, 103.7500
YIQ	244.3080, -12.7910, -4.9750

Conversions

Conversions Part 2

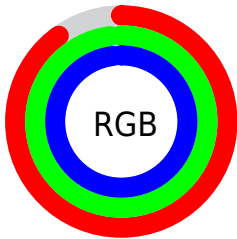
Format	Color
R _Y B	229, 240, 251
Decimal	15072250
CIE Lab	97.00, -7.32, -1.98
CIE LCh	97, 7.582, 195.129
Yxy	92.4403, 0.2997, 0.3300
Android (android.graphics.Color)	4293262330 (0xFFE5FBFA)
YUV	244.3080, 2.8062, -13.4251
Hunter-Lab	96.1459, -12.3789, 3.3229

Details

The CIELCh color **97, 7.582, 195.129** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **93, 7.981, 16.186**, 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, 7.519, 198.894** is the 20% darker color. If you saturate the color by 10%, you get **95, 15.820, 194.418**, and if you desaturate by 10%, it is **99, 1.087, 15.101**.

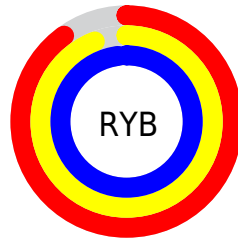
Distribution



Red (90%)

Green (98%)

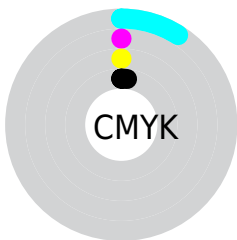
Blue (98%)



Red (90%)

Yellow (94%)

Blue (98%)

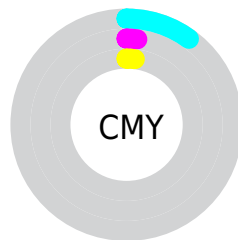


Cyan (9%)

Magenta (0%)

Yellow (0%)

Black (2%)



Cyan (10%)

Magenta (2%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 7.582, 195.129 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, 7.582, 195.129 by changing the saturation by 10% instead.

97, 7.582, 195.129

97, 7.582, 195.129

100, 7.582,
195.129

87, 7.582, 195.129

77, 7.582, 195.129

67, 7.582, 195.129

57, 7.582, 195.129

47, 7.582, 195.129

37, 7.582, 195.129

27, 7.582, 195.129

17, 7.582, 195.129

7, 7.582, 195.129

97, 7.582, 195.129

97, 7.582, 195.129

95, 15.820,
194.418

99, 1.087, 15.101

94, 23.482,
193.770

99, 1.601, 354.982

99, 1.921, 339.069

93, 30.422,
193.147

99, 2.344, 328.292

92, 36.497,
192.546

99, 2.572, 324.411

91, 41.585,
191.959

90, 45.601,
191.381

90, 48.517,
190.801

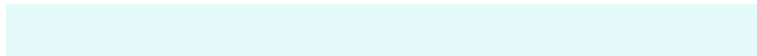
90, 50.376,
190.205

■ 89, 51.342,
189.583

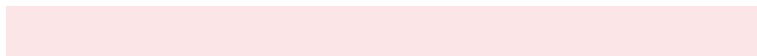
Harmonies

Complementary

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



97, 7.582, 195.129



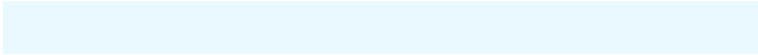
93, 7.981, 16.186

Rectangle

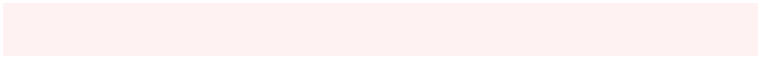
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



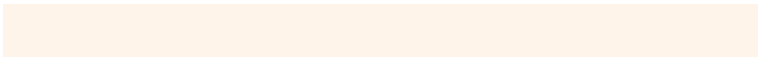
97, 7.582, 195.129



97, 7.582, 245.129



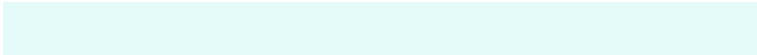
97, 7.582, 15.129



97, 7.582, 65.129

Sweetspot

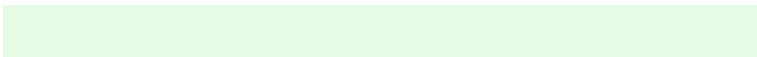
The Sweet Spot groups the original color and five complimentary colors.



97, 7.583, 195.115



99, 2.659, 195.659



97, 13.537, 142.636



53, 2.013, 195.554



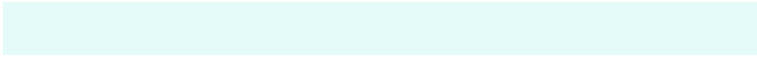
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

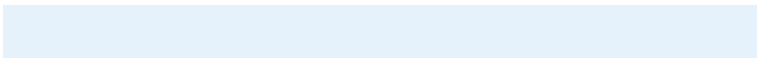
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 7.583, 195.115



98, 9.588, 194.950



95, 6.502, 250.970



51, 4.891, 195.061



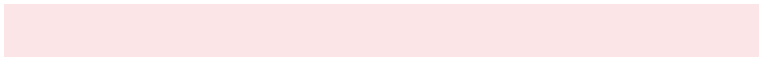
69, 41.495, 189.620



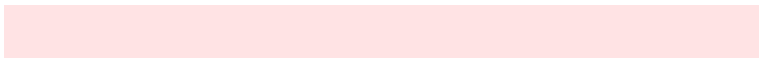
23, 18.675, 190.444

Inverse Universe

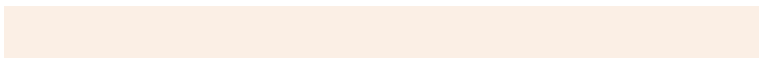
The Inverse Universe completely reimagines the original color for something new.



93, 7.981, 16.186



92, 10.227, 16.389



95, 6.683, 68.739



49, 5.170, 16.252



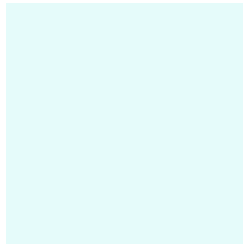
39, 81.441, 38.236



9, 31.868, 24.311

Previews

White Background



This preview shows how the CIELCh color 97, 7.582, 195.129 looks on a white background.

Color Contrast Check

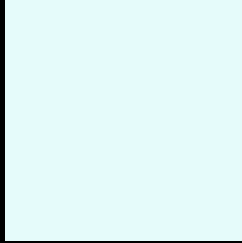
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 97, 7.582, 195.129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

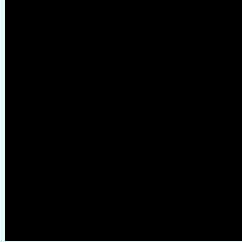
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

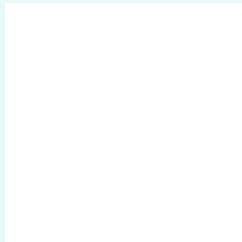
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 7.582, 195.129

Background



This preview shows how black text looks on a background with the CIELCh color 97, 7.582, 195.129.

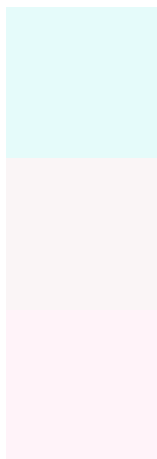


This preview shows how white text looks on a background with the CIELCh color 97, 7.582, 195.129.

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

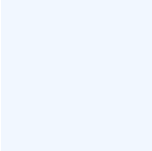
97, 7.582, 195.129

Protanopia

97, 1.845, 3.104

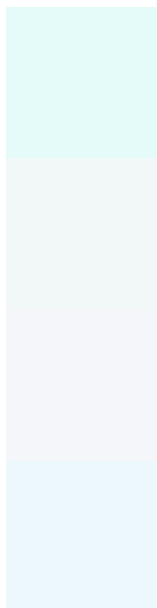
Deuteranopia

97, 5.253, 343.947



Tritanopia
97, 4.556, 263.537

Trichromacy



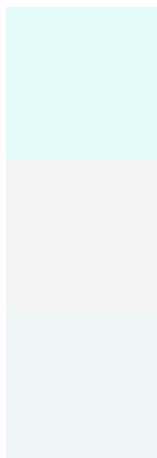
Original Color
97, 7.582, 195.129

Protanomaly
97, 1.746, 199.662

Deuteranomaly
97, 1.578, 277.559

Tritanomaly
97, 4.533, 233.733

Monochromacy



Original Color
97, 7.582, 195.129

Achromatopsia
96, 0.011, 296.813

Achromatomaly
96, 2.789, 199.455

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 7.582, 195.129 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(229, 251, 250)` looks like.

```
.text, #text, p{  
    color:rgb(229, 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(229, 251, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 251, 250) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 7.582, 195.129 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(229, 251, 250) }
```

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

```
.border{ border-color:rgb(229, 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(229, 251, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 251, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 251, 250);  
box-shadow:4px 4px 4px 4px rgb(229, 251,  
250) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 7.582, 195.129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 251, 250) }
```

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

```
.background{ background-color: rgb(229,  
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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