

Converting Colors

CIE LCh(97, 6.373, 181.735)

Have a look what the booklet for
CIELCh(97, 6.373, 181.735) contains.

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Color

CIELCh(97, 6.275, 180.072)

Conversions

Conversions Part 1

Format	Color
Hex	E9FAF6
RGB	233, 250, 246
RGB Percent	91%, 98%, 96%
CMY	0.0858, 0.0192, 0.0349
CMYK	0.07, 0.00, 0.02, 0.02
HSL	166°, 64%, 95%
HSV	166°, 7%, 98%
XYZ	84.5095, 92.4403, 100.6640
YIQ	244.4610, -8.8480, -4.8480

Conversions

Conversions Part 2

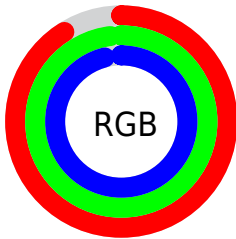
Format	Color
R _Y B	233, 243, 250
Decimal	15334134
CIE Lab	97.00, -6.27, -0.01
CIE LCh	97, 6.275, 180.072
Yxy	92.4403, 0.3044, 0.3330
Android (android.graphics.Color)	4293524214 (0xFFE9FAF6)
YUV	244.4610, 0.7587, -10.0513
Hunter-Lab	96.1459, -11.3589, 5.2259

Details

The CIELCh color **97, 6.275, 180.072** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **94, 6.435, 1.134**, 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, 6.570, 179.882** is the 20% darker color. If you saturate the color by 10%, you get **95, 15.326, 179.050**, and if you desaturate by 10%, it is **99, 1.980, 350.195**.

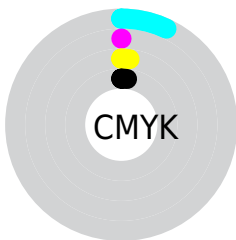
Distribution



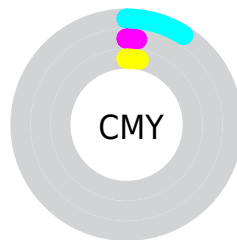
- Red (91%)
- Green (98%)
- Blue (96%)



- Red (91%)
- Yellow (95%)
- Blue (98%)



- Cyan (7%)
- Magenta (0%)
- Yellow (2%)
- Black (2%)



- Cyan (9%)
- Magenta (2%)
- Yellow (3%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 6.275, 180.072 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, 6.275, 180.072 by changing the saturation by 10% instead.

 97, 6.275, 180.072

 97, 6.275, 180.072

 100, 6.275,
180.072

 87, 6.275, 180.072

 77, 6.275, 180.072

 67, 6.275, 180.072

 57, 6.275, 180.072

 47, 6.275, 180.072

 37, 6.275, 180.072

 27, 6.275, 180.072

 17, 6.275, 180.072

 7, 6.275, 180.072

97, 6.275, 180.072

97, 6.275, 180.072

95, 15.326,
179.050

99, 1.980, 350.195

99, 3.043, 324.446

94, 24.026,
178.021

92, 32.226,
176.925

91, 39.766,
175.737

90, 46.493,
174.436

89, 52.284,
172.997

89, 57.061,
171.394

88, 60.824,
169.609

■ 88, 63.671,
167.638

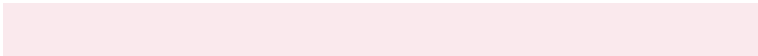
Harmonies

Complementary

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



97, 6.275, 180.072



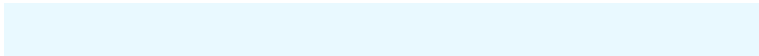
94, 6.435, 1.134

Rectangle

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



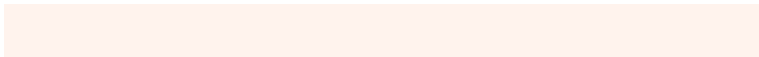
97, 6.275, 180.072



97, 6.275, 230.072



97, 6.275, 0.072



97, 6.275, 50.072

Sweetspot

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



97, 6.277, 180.059



100, 1.880, 180.722



97, 9.825, 137.019



53, 1.069, 180.748



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

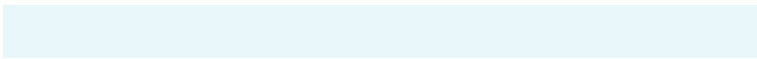
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 6.277, 180.059



98, 7.494, 179.932



96, 4.870, 225.888



51, 5.231, 179.781



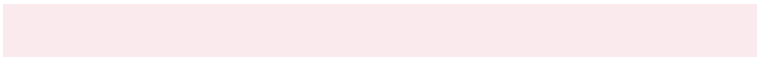
68, 51.904, 167.372



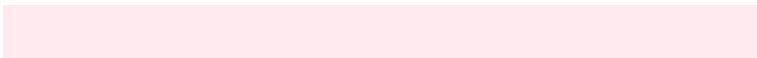
22, 22.607, 170.231

Inverse Universe

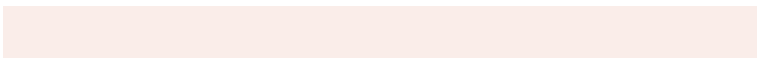
The Inverse Universe completely reimagines the original color for something new.



94, 6.435, 1.134



95, 7.714, 1.269



95, 5.064, 44.999



49, 5.412, 1.432



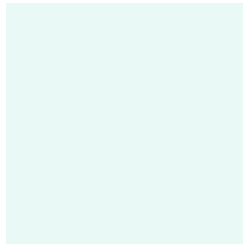
40, 72.505, 26.764



9, 30.824, 15.946

Previews

White Background



This preview shows how the CIELCh color 97, 6.275, 180.072 looks on a white background.

Color Contrast Check

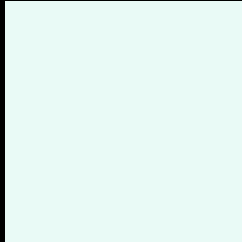
Large Text (above 18pt) WCAG AA × Fail

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, 6.275, 180.072 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

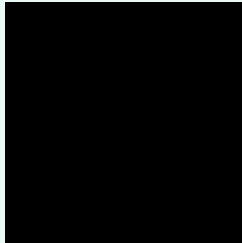
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

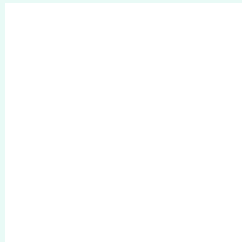
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 6.275, 180.072

Background



This preview shows how black text looks on a background with the CIELCh color 97, 6.275, 180.072.

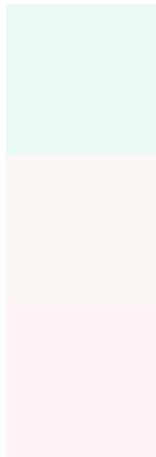


This preview shows how white text looks on a background with the CIELCh color 97, 6.275, 180.072.

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, 6.275, 180.072

Protanopia

97, 2.346, 45.010

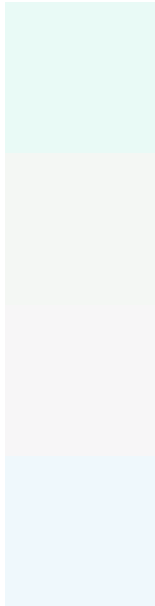
Deuteranopia

97, 4.729, 354.009



Tritanopia
97, 4.417, 267.541

Trichromacy



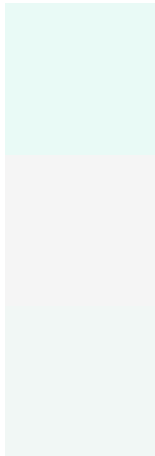
Original Color
97, 6.275, 180.072

Protanomaly
97, 1.862, 144.537

Deuteranomaly
97, 0.634, 323.988

Tritanomaly
97, 3.695, 233.059

Monochromacy



Original Color
97, 6.275, 180.072

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 2.345, 173.704

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 6.275, 180.072 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(233, 250, 246)` looks like.

```
.text, #text, p{  
    color:rgb(233, 250, 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(233, 250, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 250, 246) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 6.275, 180.072 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(233, 250, 246) }
```

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

```
.border{ border-color:rgb(233, 250, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 250, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 250, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 250, 246);  
box-shadow:4px 4px 4px 4px rgb(233, 250,  
246) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 6.275, 180.072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 250, 246) }
```

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

```
.background{ background-color: rgb(233,  
250, 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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