

Converting Colors

CIELCh(97, 5.776, 183.751)

Have a look what the booklet for
CIELCh(97, 5.776, 183.751) contains.

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Color

CIELCh(97, 5.781, 183.748)

Conversions

Conversions Part 1

Format	Color
Hex	EAF7F7
RGB	234, 250, 247
RGB Percent	92%, 98%, 97%
CMY	0.0830, 0.0202, 0.0320
CMYK	0.06, 0.00, 0.01, 0.02
HSL	169°, 61%, 95%
HSV	169°, 6%, 98%
XYZ	84.7768, 92.4403, 101.2386
YIQ	244.8740, -8.5730, -4.3250

Conversions

Conversions Part 2

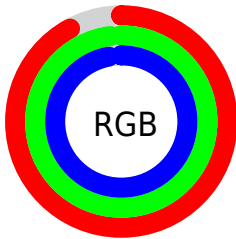
Format	Color
R_{YB}	234, 243, 250
Decimal	15399671
CIE Lab	97.00, -5.77, -0.38
CIE LCh	97, 5.781, 183.748
Yxy	92.4403, 0.3045, 0.3320
Android (android.graphics.Color)	4293589751 (0xFFEAF7)
YUV	244.8740, 1.0481, -9.5365
Hunter-Lab	96.1459, -10.8627, 4.8716

Details

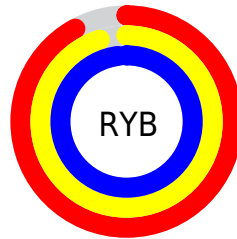
The CIELCh color **97, 5.781, 183.748** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **94, 5.941, 4.679**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 6.050, 183.572** is the 20% darker color. If you saturate the color by 10%, you get **95, 14.596, 182.756**, and if you desaturate by 10%, it is **99, 2.017, 354.033**.

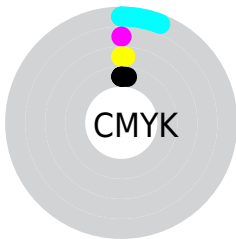
Distribution



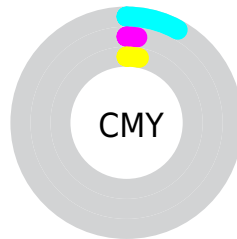
- Red (92%)
- Green (98%)
- Blue (97%)



- Red (92%)
- Yellow (95%)
- Blue (98%)



- Cyan (6%)
- Magenta (0%)
- Yellow (1%)
- Black (2%)



- Cyan (8%)
- Magenta (2%)
- Yellow (3%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 5.781, 183.748 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, 5.781, 183.748 by changing the saturation by 10% instead.

 97, 5.781, 183.748

 97, 5.781, 183.748

 100, 5.781,
183.748

 87, 5.781, 183.748

 77, 5.781, 183.748

 67, 5.781, 183.748

 57, 5.781, 183.748

 47, 5.781, 183.748

 37, 5.781, 183.748

 27, 5.781, 183.748

 17, 5.781, 183.748

 7, 5.781, 183.748

97, 5.781, 183.748

97, 5.781, 183.748

95, 14.596,
182.756

99, 2.017, 354.033

94, 23.017,
181.781

99, 3.211, 324.457

92, 30.898,
180.757

91, 38.081,
179.663

90, 44.419,
178.479

90, 49.794,
177.181

89, 54.134,
175.747

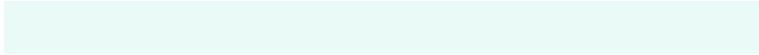
89, 57.442,
174.155

■ 88, 59.814,
172.395

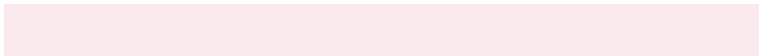
Harmonies

Complementary

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



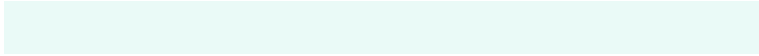
97, 5.781, 183.748



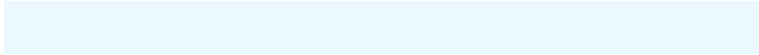
94, 5.941, 4.679

Rectangle

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



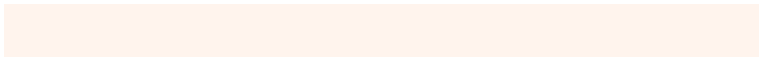
97, 5.781, 183.748



97, 5.781, 233.748



97, 5.781, 3.748



97, 5.781, 53.748

Sweetspot

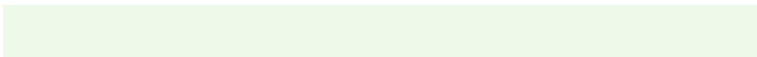
The Sweet Spot groups the original color and five complimentary colors.



97, 5.783, 183.732



100, 1.842, 184.352



97, 9.384, 138.546



53, 1.047, 184.378



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

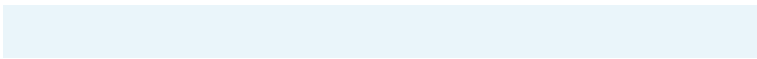
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 5.783, 183.732



98, 7.329, 183.568



96, 4.546, 232.155



51, 5.113, 183.421



68, 48.825, 172.081



22, 21.443, 174.621

Inverse Universe

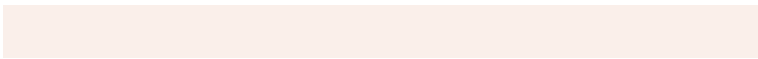
The Inverse Universe completely reimagines the original color for something new.



94, 5.941, 4.679



95, 7.576, 4.856



95, 4.699, 51.008



49, 5.317, 5.018



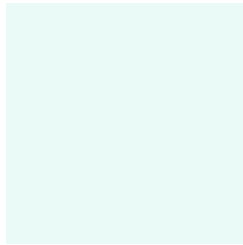
39, 74.768, 30.449



9, 31.052, 18.357

Previews

White Background



This preview shows how the CIELCh color 97, 5.781, 183.748 looks on a white background.

Color Contrast Check

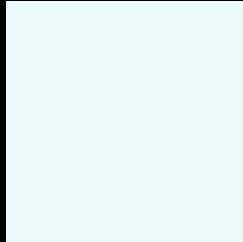
Large Text (above 18pt) WCAG AA × Fail

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, 5.781, 183.748 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

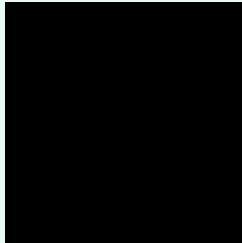
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

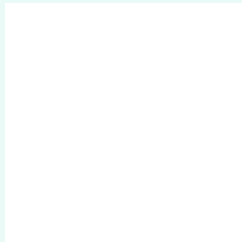
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 5.781, 183.748

Background



This preview shows how black text looks on a background with the CIELCh color 97, 5.781, 183.748.

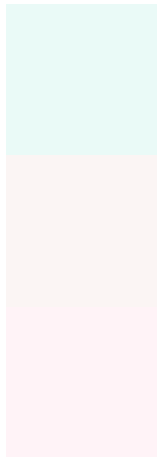


This preview shows how white text looks on a background with the CIELCh color 97, 5.781, 183.748.

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

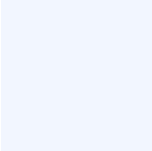
97, 5.781, 183.748

Protanopia

97, 2.177, 32.788

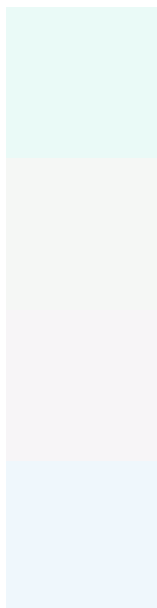
Deuteranopia

97, 4.729, 354.009



Tritanopia
97, 4.790, 273.817

Trichromacy



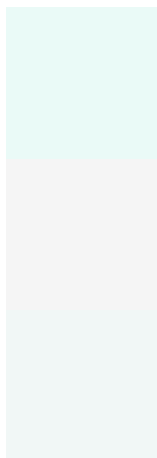
Original Color
97, 5.781, 183.748

Protanomaly
97, 1.237, 144.641

Deuteranomaly
97, 1.258, 324.247

Tritanomaly
97, 3.737, 242.701

Monochromacy



Original Color
97, 5.781, 183.748

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 2.163, 185.898

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 5.781, 183.748 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(234, 250, 247)` looks like.

```
.text, #text, p{  
    color:rgb(234, 250, 247)  
}
```

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(234, 250, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 250, 247) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 5.781, 183.748 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(234, 250, 247) }
```

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

```
.border{ border-color:rgb(234, 250, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 250, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 250, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 250, 247);  
box-shadow:4px 4px 4px 4px rgb(234, 250,  
247) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 5.781, 183.748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 250, 247) }
```

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

```
.background{ background-color: rgb(234,  
250, 247) }
```

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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