

Converting Colors

CIELCh(97, 10.701, 155.120)

Have a look what the booklet for
CIELCh(97, 10.701, 155.120)
contains.

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Color

CIELCh(97, 10.953, 154.441)

Conversions

Conversions Part 1

Format	Color
Hex	E6FCED
RGB	230, 252, 237
RGB Percent	90%, 99%, 93%
CMY	0.0986, 0.0123, 0.0711
CMYK	0.09, 0.00, 0.06, 0.01
HSL	139°, 78%, 94%
HSV	139°, 9%, 99%
XYZ	82.6221, 92.4403, 93.5040
YIQ	243.7120, -8.2970, -9.3290

Conversions

Conversions Part 2

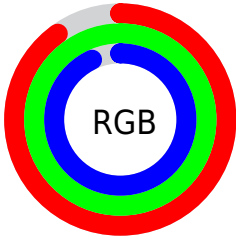
Format	Color
R _{YB}	230, 247, 252
Decimal	15138029
CIE Lab	97.00, -9.88, 4.73
CIE LCh	97, 10.953, 154.441
Yxy	92.4403, 0.3076, 0.3442
Android (android.graphics.Color)	4293328109 (0xFFE6FCED)
YUV	243.7120, -3.3090, -12.0254
Hunter-Lab	96.1459, -14.8628, 9.6413

Details

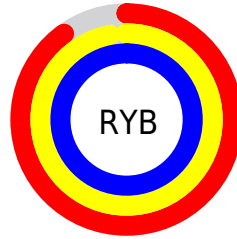
The CIELCh color **97, 10.953, 154.441** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **93, 11.015, 335.603**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 10.860, 154.916** is the 20% darker color. If you saturate the color by 10%, you get **95, 23.574, 153.606**, and if you desaturate by 10%, it is **99, 1.574, 334.390**.

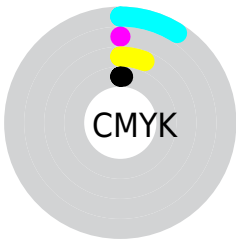
Distribution



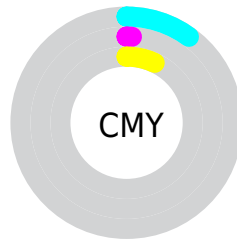
- Red (90%)
- Green (99%)
- Blue (93%)



- Red (90%)
- Yellow (97%)
- Blue (99%)



- Cyan (9%)
- Magenta (0%)
- Yellow (6%)
- Black (1%)





- Cyan (10%)
- Magenta (1%)
- Yellow (7%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 97, 10.953, 154.441 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, 10.953, 154.441 by changing the saturation by 10% instead.


 97, 10.953,
154.441


 97, 10.953,
154.441


 100, 10.953,
154.441


 87, 10.953,
154.441

 77, 10.953,
154.441

 67, 10.953,
154.441

 57, 10.953,
154.441

 47, 10.953,
154.441

 37, 10.953,
154.441

 27, 10.953,

154.441

■ 17, 10.953,
154.441

■ 7, 10.953, 154.441

■ 97, 10.953,
154.441

■ 97, 10.953,
154.441

■ 95, 23.574,
153.606

■ 99, 1.574, 334.390

■ 99, 1.954, 324.352

■ 93, 36.114,
152.668

■ 92, 48.382,
151.591

■ 90, 60.154,
150.352

■ 89, 71.186,
148.930

■ 88, 81.245,
147.315

■ 88, 90.130,
145.511

■ 87, 97.709,
143.554

■ 87, 103.961,
141.540

Harmonies

Complementary

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



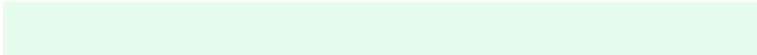
97, 10.953, 154.441



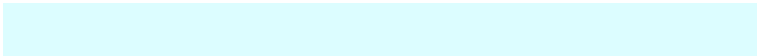
93, 11.015, 335.603

Rectangle

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



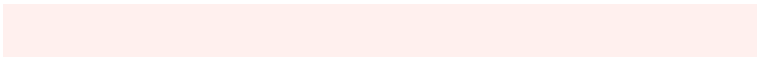
97, 10.953, 154.441



97, 10.953, 204.441



97, 10.953, 334.441



97, 10.953, 24.441

Sweetspot

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



97, 10.955, 154.439



99, 3.782, 154.930



98, 11.474, 121.945



53, 2.870, 154.850



0, 0.000, 0.000



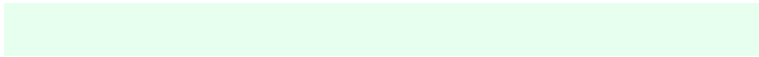
53, 0.007, 296.813

Same Dimension

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



97, 10.955, 154.439



98, 12.676, 154.337



97, 7.900, 183.835



51, 7.087, 154.378



67, 83.532, 141.680



22, 35.252, 144.781

Inverse Universe

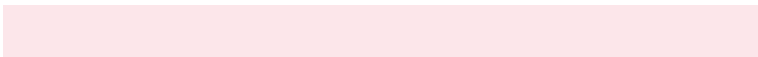
The Inverse Universe completely reimagines the original color for something new.



93, 11.015, 335.603



94, 12.749, 335.700



93, 8.195, 5.269



49, 7.127, 335.661



42, 72.762, 346.280



10, 33.775, 343.327

Previews

White Background



This preview shows how the CIELCh color 97, 10.953, 154.441 looks on a white background.

Color Contrast Check

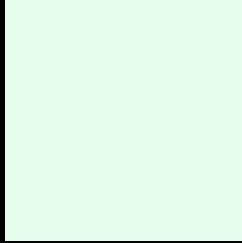
Large Text (above 18pt) WCAG AA × Fail

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, 10.953, 154.441 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

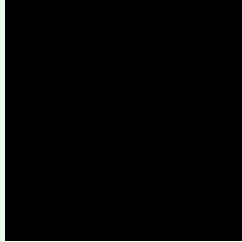
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

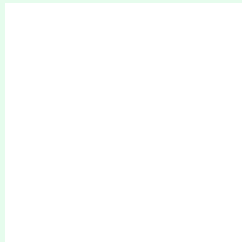
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 10.953, 154.441

Background



This preview shows how black text looks on a background with the CIELCh color 97, 10.953, 154.441.

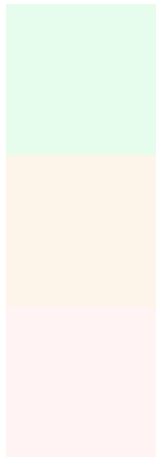


This preview shows how white text looks on a background with the CIELCh color 97, 10.953, 154.441.

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, 10.953, 154.441

Protanopia

97, 6.743, 84.362

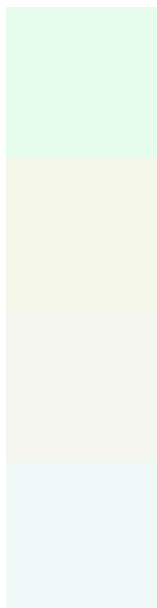
Deuteranopia

97, 4.296, 12.728



Tritanopia
97, 4.417, 267.541

Trichromacy



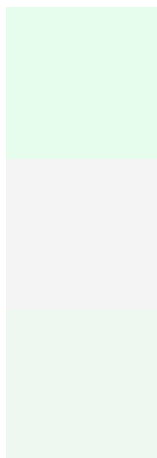
Original Color
97, 10.953, 154.441

Protanomaly
97, 6.667, 115.820

Deuteranomaly
97, 2.542, 109.953

Tritanomaly
97, 3.863, 191.717

Monochromacy



Original Color
97, 10.953, 154.441

Achromatopsia
96, 0.011, 296.813

Achromatomaly
97, 4.184, 152.219

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 10.953, 154.441 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(230, 252, 237)` looks like.

```
.text, #text, p{  
    color:rgb(230, 252, 237)  
}
```

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(230, 252, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 252, 237) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 10.953, 154.441 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(230, 252, 237) }
```

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

```
.border{ border-color:rgb(230, 252, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 252, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 252, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 252, 237);  
box-shadow:4px 4px 4px 4px rgb(230, 252,  
237) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 10.953, 154.441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 252, 237) }
```

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

```
.background{ background-color: rgb(230,  
252, 237) }
```

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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