

Converting Colors

CIE LCh(97, 3.128, 144.456)

Have a look what the booklet for
CIELCh(97, 3.128, 144.456) contains.

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Color

CIELCh(97, 3.110, 144.427)

Conversions

Conversions Part 1

Format	Color
Hex	F3F8F3
RGB	243, 248, 243
RGB Percent	95%, 97%, 95%
CMY	0.0481, 0.0284, 0.0481
CMYK	0.02, 0.00, 0.02, 0.03
HSL	120°, 26%, 96%
HSV	120°, 2%, 97%
XYZ	86.4999, 92.4403, 97.8737
YIQ	245.9350, -1.3750, -2.6150

Conversions

Conversions Part 2

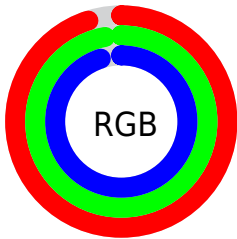
Format	Color
R _Y B	243, 248, 248
Decimal	15988979
CIE Lab	97.00, -2.53, 1.81
CIE LCh	97, 3.110, 144.427
Yxy	92.4403, 0.3125, 0.3339
Android (android.graphics.Color)	4294179059 (0xFF3F8F3)
YUV	245.9350, -1.4470, -2.5740
Hunter-Lab	96.1459, -7.6636, 6.9466

Details

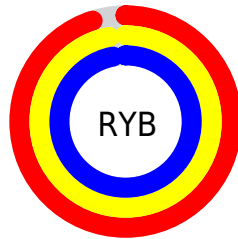
The CIELCh color **97, 3.110, 144.427** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **96, 3.133, 324.458**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 3.267, 144.374** is the 20% darker color. If you saturate the color by 10%, you get **95, 18.706, 143.729**, and if you desaturate by 10%, it is **98, 4.515, 324.531**.

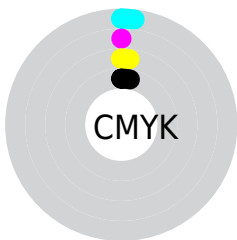
Distribution



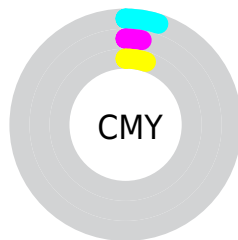
- Red (95%)
- Green (97%)
- Blue (95%)



- Red (95%)
- Yellow (97%)
- Blue (97%)



- Cyan (2%)
- Magenta (0%)
- Yellow (2%)
- Black (3%)




- Cyan (5%)
- Magenta (3%)
- Yellow (5%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 3.110, 144.427 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, 3.110, 144.427 by changing the saturation by 10% instead.

 97, 3.110, 144.427

 97, 3.110, 144.427

 100, 3.110,
144.427

 87, 3.110, 144.427

 77, 3.110, 144.427

 67, 3.110, 144.427

 57, 3.110, 144.427

 47, 3.110, 144.427

 37, 3.110, 144.427

 27, 3.110, 144.427

 17, 3.110, 144.427

 7, 3.110, 144.427

97, 3.110, 144.427

97, 3.110, 144.427

95, 18.706,
143.729

98, 4.515, 324.531

93, 34.384,
142.994

91, 49.902,
142.141


89, 64.935,
141.163

88, 79.064,
140.077

87, 91.771,
138.930

86, 102.448,
137.817

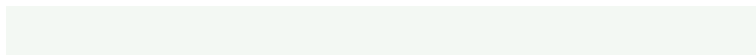
86, 110.454,
136.880

 86,115.315,
136.264

Harmonies

Complementary

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



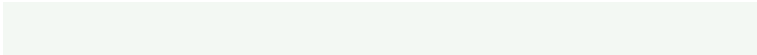
97, 3.110, 144.427



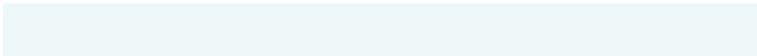
96, 3.133, 324.458

Rectangle

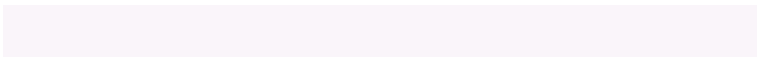
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



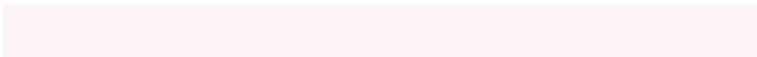
97, 3.110, 144.427



97, 3.110, 194.427



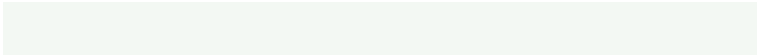
97, 3.110, 324.427



97, 3.110, 14.427

Sweetspot

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



97, 3.113, 144.428



100, 1.571, 144.585



97, 2.541, 109.954



53, 0.893, 144.598



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

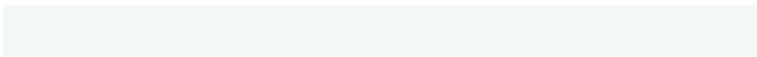
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 3.113, 144.428



100, 3.155, 144.429



97, 2.178, 163.704



52, 1.764, 144.441



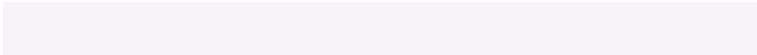
67, 95.514, 136.016



21, 42.475, 137.060

Inverse Universe

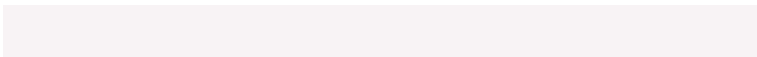
The Inverse Universe completely reimagines the original color for something new.



96, 3.133, 324.458



99, 3.176, 324.457



96, 2.198, 343.600



52, 1.776, 324.446



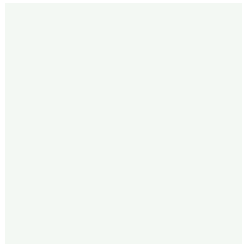
45, 92.153, 328.235



12, 41.694, 328.234

Previews

White Background



This preview shows how the CIE LCh color 97, 3.110, 144.427 looks on a white background.

Color Contrast Check

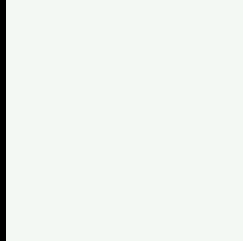
Large Text (above 18pt) WCAG AA × Fail

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, 3.110, 144.427 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

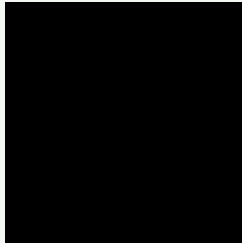
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

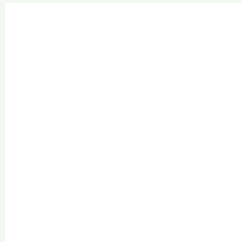
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 3.110, 144.427

Background



This preview shows how black text looks on a background with the CIELCh color 97, 3.110, 144.427.

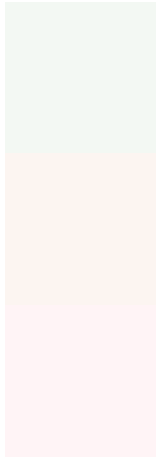


This preview shows how white text looks on a background with the CIELCh color 97, 3.110, 144.427.

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



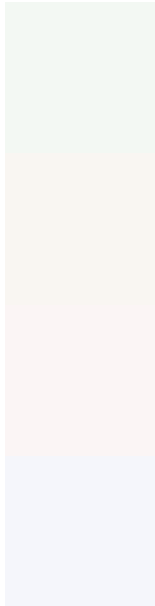
Original Color
97, 3.110, 144.427

Protanopia
97, 3.200, 58.880

Deuteranopia
97, 4.037, 4.883

Tritanopia
97, 5.141, 294.439

Trichromacy



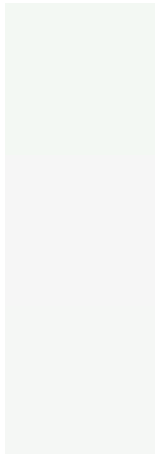
Original Color
97, 3.110, 144.427

Protanomaly
97, 2.282, 82.223

Deuteranomaly
97, 2.121, 19.242

Tritanomaly
97, 2.584, 282.663

Monochromacy



Original Color
97, 3.110, 144.427

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 1.237, 144.641

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 3.110, 144.427 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(243, 248, 243)` looks like.

```
.text, #text, p{  
    color:rgb(243, 248, 243)  
}
```

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(243, 248, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 248, 243) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 3.110, 144.427 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(243, 248, 243) }
```

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

```
.border{ border-color:rgb(243, 248, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 248, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 248, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 248, 243);  
box-shadow:4px 4px 4px 4px rgb(243, 248,  
243) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 3.110, 144.427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 248, 243) }
```

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

```
.background{ background-color: rgb(243,  
248, 243) }
```

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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