

Converting Colors

CIELCh(97, 4.067, 159.849)

Have a look what the booklet for
CIELCh(97, 4.067, 159.849) contains.

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Color

CIELCh(97, 4.424, 155.504)

Conversions

Conversions Part 1

Format	Color
Hex	F0F9F3
RGB	240, 249, 243
RGB Percent	94%, 98%, 95%
CMY	0.0602, 0.0249, 0.0485
CMYK	0.04, 0.00, 0.02, 0.02
HSL	140°, 41%, 96%
HSV	140°, 4%, 98%
XYZ	85.7011, 92.4403, 97.8355
YIQ	245.6250, -3.4380, -3.7740

Conversions

Conversions Part 2

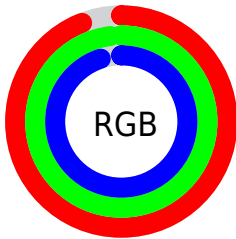
Format	Color
R _Y B	240, 247, 249
Decimal	15792627
CIE Lab	97.00, -4.03, 1.83
CIE LCh	97, 4.424, 155.504
Yxy	92.4403, 0.3105, 0.3350
Android (android.graphics.Color)	4293982707 (0xFFFF0F9F3)
YUV	245.6250, -1.2941, -4.9331
Hunter-Lab	96.1459, -9.1466, 6.9702

Details

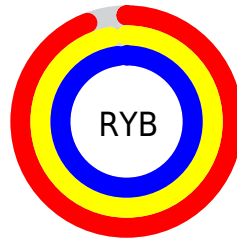
The CIELCh color **97, 4.424, 155.504** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **96, 4.452, 335.822**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 4.645, 155.413** is the 20% darker color. If you saturate the color by 10%, you get **95, 16.752, 154.662**, and if you desaturate by 10%, it is **98, 3.957, 324.501**.

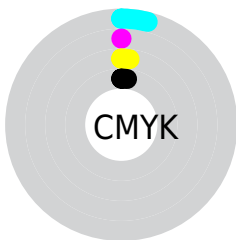
Distribution



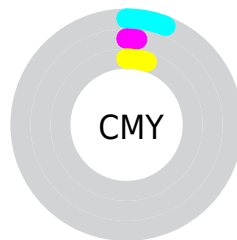
- Red (94%)
- Green (98%)
- Blue (95%)



- Red (94%)
- Yellow (97%)
- Blue (98%)



- Cyan (4%)
- Magenta (0%)
- Yellow (2%)
- Black (2%)



- Cyan (6%)
- Magenta (2%)
- Yellow (5%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 4.424, 155.504 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, 4.424, 155.504 by changing the saturation by 10% instead.

 97, 4.424, 155.504

 97, 4.424, 155.504

 100, 4.424,
155.504

 87, 4.424, 155.504

 77, 4.424, 155.504

 67, 4.424, 155.504

 57, 4.424, 155.504

 47, 4.424, 155.504

 37, 4.424, 155.504

 27, 4.424, 155.504

 17, 4.424, 155.504

 7, 4.424, 155.504

97, 4.424, 155.504

97, 4.424, 155.504

95, 16.752,
154.662

98, 3.957, 324.501

93, 29.077,
153.775

91, 41.232,
152.766

90, 53.014,
151.606

89, 64.193,
150.273

88, 74.538,
148.749

87, 83.837,
147.028

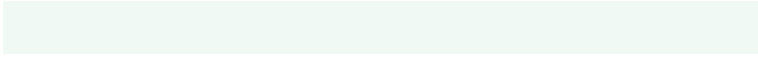
87, 91.933,
145.126

■ 86, 98.747,
143.091

Harmonies

Complementary

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



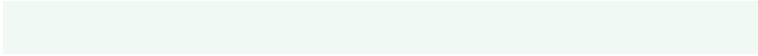
97, 4.424, 155.504



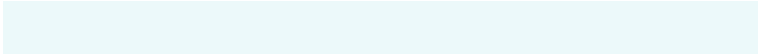
96, 4.452, 335.822

Rectangle

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



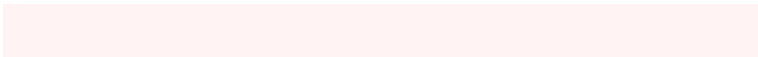
97, 4.424, 155.504



97, 4.424, 205.504



97, 4.424, 335.504



97, 4.424, 25.504

Sweetspot

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



97, 4.426, 155.498



100, 1.239, 155.929



97, 4.699, 122.240



53, 0.704, 155.950



0, 0.000, 0.000



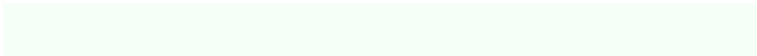
53, 0.007, 296.813

Same Dimension

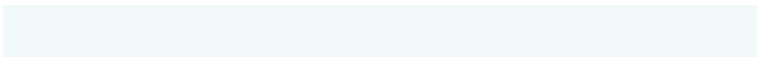
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 4.426, 155.498



99, 4.994, 155.461



97, 3.259, 184.398



52, 3.493, 155.394



67, 82.596, 142.174



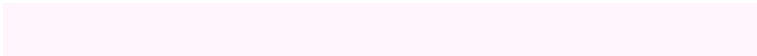
22, 34.840, 145.319

Inverse Universe

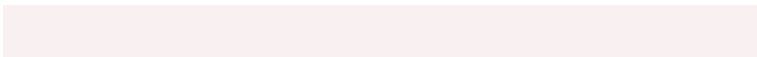
The Inverse Universe completely reimagines the original color for something new.



96, 4.452, 335.822



97, 5.021, 335.858



95, 3.315, 4.673



51, 3.512, 335.924



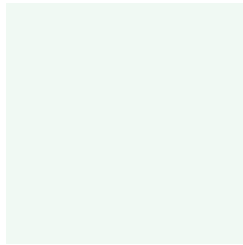
42, 72.112, 347.444



10, 33.483, 344.274

Previews

White Background



This preview shows how the CIELCh color 97, 4.424, 155.504 looks on a white background.

Color Contrast Check

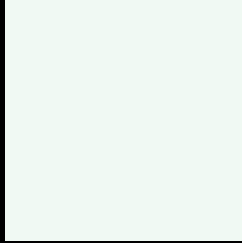
Large Text (above 18pt) WCAG AA × Fail

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, 4.424, 155.504 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

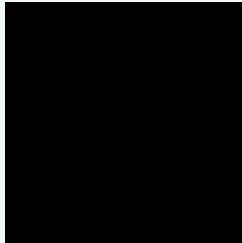
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

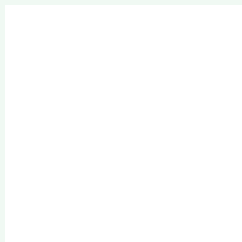
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 4.424, 155.504

Background



This preview shows how black text looks on a background with the CIELCh color 97, 4.424, 155.504.

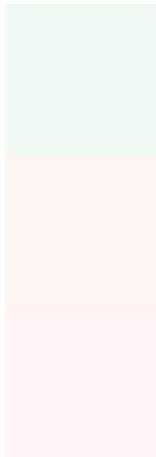


This preview shows how white text looks on a background with the CIELCh color 97, 4.424, 155.504.

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, 4.424, 155.504

Protanopia

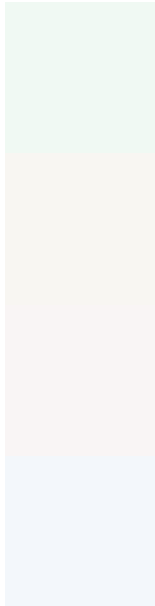
97, 3.200, 58.880

Deuteranopia

97, 4.532, 359.827

Tritanopia
97, 4.617, 286.251

Trichromacy



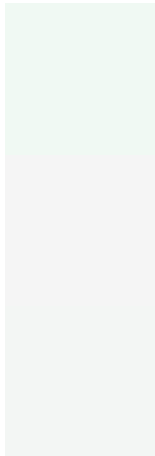
Original Color
97, 4.424, 155.504

Protanomaly
97, 2.144, 90.695

Deuteranomaly
97, 1.412, 19.043

Tritanomaly
97, 2.461, 255.991

Monochromacy



Original Color
97, 4.424, 155.504

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 1.470, 155.858

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 4.424, 155.504 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(240, 249, 243)` looks like.

```
.text, #text, p{  
    color:rgb(240, 249, 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(240, 249, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 249, 243) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 4.424, 155.504 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(240, 249, 243) }
```

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

```
.border{ border-color:rgb(240, 249, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 249, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 249, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 249, 243);  
box-shadow:4px 4px 4px 4px rgb(240, 249,  
243) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 4.424, 155.504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 249, 243) }
```

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

```
.background{ background-color: rgb(240,  
249, 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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