

Converting Colors

CIELCh(97, 4.083, 160.602)

Have a look what the booklet for
CIELCh(97, 4.083, 160.602) contains.

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Color

CIELCh(97, 4.080, 160.604)

Conversions

Conversions Part 1

Format	Color
Hex	F0F9F4
RGB	240, 249, 244
RGB Percent	94%, 98%, 96%
CMY	0.0605, 0.0252, 0.0448
CMYK	0.04, 0.00, 0.02, 0.03
HSL	147°, 41%, 96%
HSV	147°, 4%, 97%
XYZ	85.7955, 92.4403, 98.5664
YIQ	245.7390, -3.7590, -3.4630

Conversions

Conversions Part 2

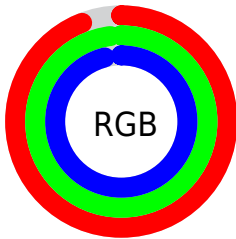
Format	Color
R _Y B	240, 246, 249
Decimal	15792628
CIE Lab	97.00, -3.85, 1.35
CIE LCh	97, 4.080, 160.604
Yxy	92.4403, 0.3100, 0.3340
Android (android.graphics.Color)	4293982708 (0xFFFF0F9F4)
YUV	245.7390, -0.8573, -5.0331
Hunter-Lab	96.1459, -8.9713, 6.5195

Details

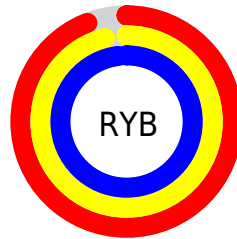
The CIELCh color **97, 4.080, 160.604** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **95, 4.112, 340.939**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 4.283, 160.502** is the 20% darker color. If you saturate the color by 10%, you get **95, 15.413, 159.673**, and if you desaturate by 10%, it is **98, 4.001, 324.504**.

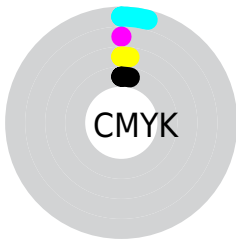
Distribution



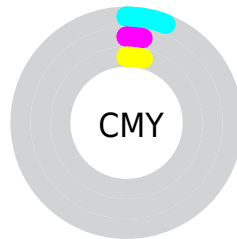
- Red (94%)
- Green (98%)
- Blue (96%)



- Red (94%)
- Yellow (96%)
- Blue (98%)



- Cyan (4%)
- Magenta (0%)
- Yellow (2%)
- Black (3%)



- Cyan (6%)
- Magenta (3%)
- Yellow (4%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 4.080, 160.604 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, 4.080, 160.604 by changing the saturation by 10% instead.

 97, 4.080, 160.604

 97, 4.080, 160.604

 100, 4.080,
160.604

 87, 4.080, 160.604

 77, 4.080, 160.604

 67, 4.080, 160.604

 57, 4.080, 160.604

 47, 4.080, 160.604

 37, 4.080, 160.604

 27, 4.080, 160.604

 17, 4.080, 160.604

 7, 4.080, 160.604

97, 4.080, 160.604

97, 4.080, 160.604

95, 15.413,
159.673

98, 4.001, 324.504

93, 26.691,
158.718

92, 37.759,
157.647

90, 48.434,
156.433

89, 58.516,
155.048

88, 67.809,
153.470

87, 76.151,
151.681

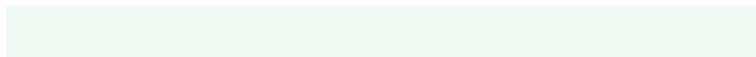
87, 83.442,
149.681

■ 86, 89.671,
147.494

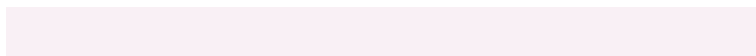
Harmonies

Complementary

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



97, 4.080, 160.604



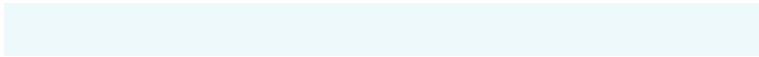
95, 4.112, 340.939

Rectangle

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



97, 4.080, 160.604



97, 4.080, 210.604



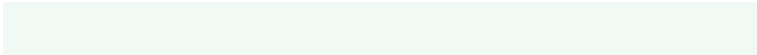
97, 4.080, 340.604



97, 4.080, 30.604

Sweetspot

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



97, 4.082, 160.594



100, 1.143, 161.094



97, 4.799, 126.561



53, 0.650, 161.119



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

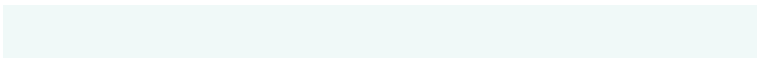
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 4.082, 160.594



99, 4.605, 160.553



97, 3.151, 193.820



52, 3.221, 160.478



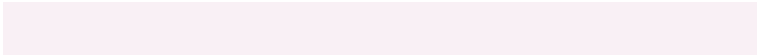
67, 75.096, 146.479



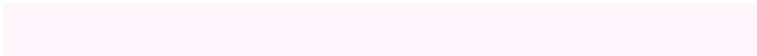
22, 31.677, 149.836

Inverse Universe

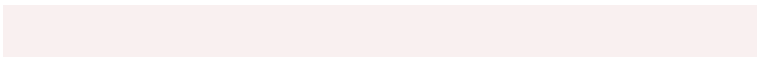
The Inverse Universe completely reimagines the original color for something new.



95, 4.112, 340.939



97, 4.638, 340.980



95, 3.218, 13.950



51, 3.244, 341.054



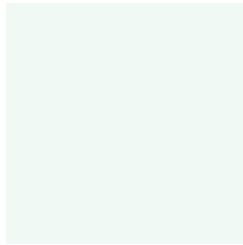
41, 68.493, 356.874



10, 31.690, 351.945

Previews

White Background



This preview shows how the CIE LCh color 97, 4.080, 160.604 looks on a white background.

Color Contrast Check

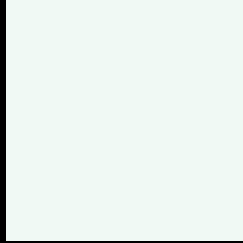
Large Text (above 18pt) WCAG AA × Fail

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, 4.080, 160.604 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

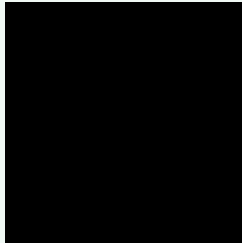
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

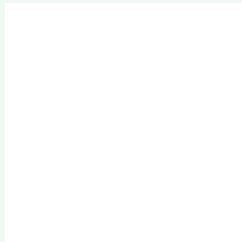
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 4.080, 160.604

Background



This preview shows how black text looks on a background with the CIELCh color 97, 4.080, 160.604.

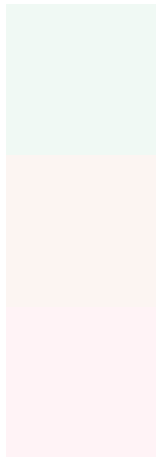


This preview shows how white text looks on a background with the CIELCh color 97, 4.080, 160.604.

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, 4.080, 160.604

Protanopia

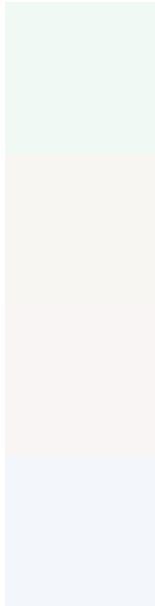
97, 2.903, 51.088

Deuteranopia

97, 4.532, 359.827

Tritanopia
97, 4.617, 286.251

Trichromacy



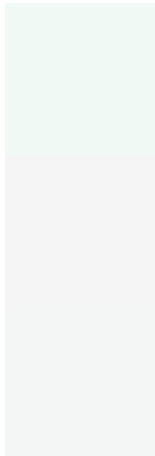
Original Color
97, 4.080, 160.604

Protanomaly
97, 1.557, 96.902

Deuteranomaly
97, 1.412, 19.043

Tritanomaly
97, 2.461, 255.991

Monochromacy



Original Color
97, 4.080, 160.604

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, 4.080, 160.604 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, 244)` looks like.

```
.text, #text, p{  
    color:rgb(240, 249, 244)  
}
```

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, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 249, 244) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 4.080, 160.604 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, 244) }
```

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

```
.border{ border-color:rgb(240, 249, 244) }
```

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, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(240, 249, 244); -webkit-box-shadow:4px 4px 4px 4px rgb(240, 249, 244); box-shadow:4px 4px 4px 4px rgb(240, 249, 244) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 4.080, 160.604 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, 244) }
```

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

```
.background{ background-color: rgb(240,  
249, 244) }
```

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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