

Converting Colors

CIELCh(97, 4.420, 152.421)

Have a look what the booklet for
CIELCh(97, 4.420, 152.421) contains.

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Color

CIELCh(97, 4.797, 151.163)

Conversions

Conversions Part 1

Format	Color
Hex	F0F9F2
RGB	240, 249, 242
RGB Percent	94%, 98%, 95%
CMY	0.0599, 0.0246, 0.0521
CMYK	0.04, 0.00, 0.03, 0.02
HSL	133°, 42%, 96%
HSV	133°, 4%, 98%
XYZ	85.6072, 92.4403, 97.1083
YIQ	245.5110, -3.1170, -4.0850

Conversions

Conversions Part 2

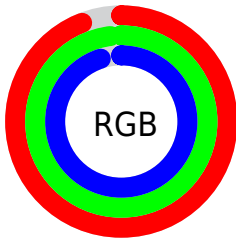
Format	Color
R _Y B	240, 247, 249
Decimal	15792626
CIE Lab	97.00, -4.20, 2.31
CIE LCh	97, 4.797, 151.163
Yxy	92.4403, 0.3111, 0.3360
Android (android.graphics.Color)	4293982706 (0xFFFF0F9F2)
YUV	245.5110, -1.7309, -4.8331
Hunter-Lab	96.1459, -9.3208, 7.4186

Details

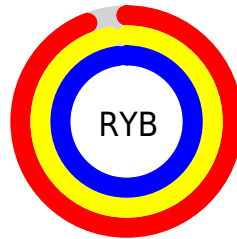
The CIELCh color **97, 4.797, 151.163** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **96, 4.822, 331.466**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 5.038, 151.082** is the 20% darker color. If you saturate the color by 10%, you get **95, 18.191, 150.397**, and if you desaturate by 10%, it is **98, 3.913, 324.499**.

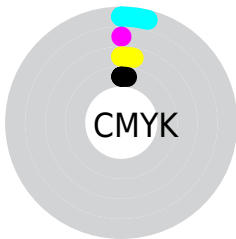
Distribution



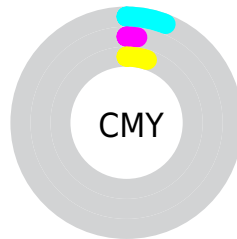
- Red (94%)
- Green (98%)
- Blue (95%)



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



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



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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 4.797, 151.163 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, 4.797, 151.163 by changing the saturation by 10% instead.

 97, 4.797, 151.163

 97, 4.797, 151.163

 100, 4.797,
151.163

 87, 4.797, 151.163

 77, 4.797, 151.163

 67, 4.797, 151.163

 57, 4.797, 151.163

 47, 4.797, 151.163

 37, 4.797, 151.163

 27, 4.797, 151.163

 17, 4.797, 151.163

 7, 4.797, 151.163

97, 4.797, 151.163

97, 4.797, 151.163

95, 18.191,
150.397

98, 3.913, 324.499

93, 31.617,
149.570

91, 44.888,
148.616

90, 57.770,
147.513

89, 69.993,
146.245

88, 81.264,
144.804

87, 91.294,
143.206

86, 99.823,
141.495

■ 86,106.647,
139.758

Harmonies

Complementary

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



97, 4.797, 151.163



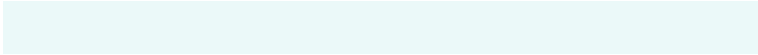
96, 4.822, 331.466

Rectangle

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



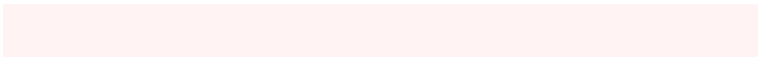
97, 4.797, 151.163



97, 4.797, 201.163



97, 4.797, 331.163



97, 4.797, 21.163

Sweetspot

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



97, 4.800, 151.160



100, 1.344, 151.533



97, 4.636, 118.402



53, 0.764, 151.551



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

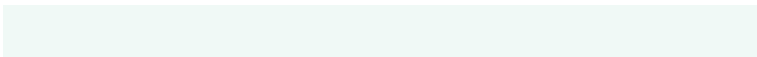
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 4.800, 151.160



99, 5.416, 151.127



97, 3.416, 176.961



52, 3.789, 151.067



67, 88.849, 139.029



22, 37.738, 141.744

Inverse Universe

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



96, 4.822, 331.466



97, 5.439, 331.498



95, 3.463, 357.298



51, 3.804, 331.557



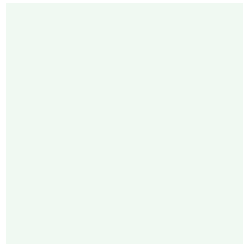
43, 77.624, 339.556



11, 35.853, 337.820

Previews

White Background



This preview shows how the CIELCh color 97, 4.797, 151.163 looks on a white background.

Color Contrast Check

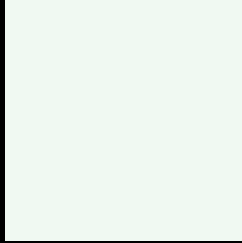
Large Text (above 18pt) WCAG AA × Fail

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, 4.797, 151.163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

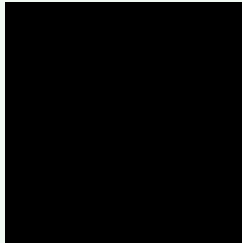
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

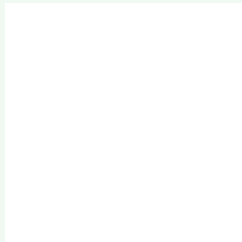
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 4.797, 151.163

Background



This preview shows how black text looks on a background with the CIELCh color 97, 4.797, 151.163.

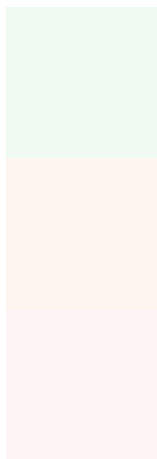


This preview shows how white text looks on a background with the CIELCh color 97, 4.797, 151.163.

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, 4.797, 151.163

Protanopia

97, 3.546, 65.245

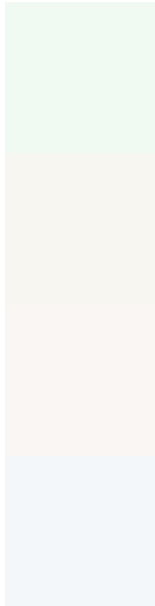
Deuteranopia

97, 3.938, 12.069



Tritanopia
97, 4.617, 286.251

Trichromacy



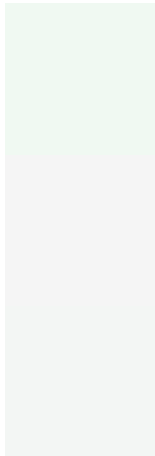
Original Color
97, 4.797, 151.163

Protanomaly
97, 2.631, 94.315

Deuteranomaly
97, 1.456, 63.332

Tritanomaly
97, 2.061, 247.867

Monochromacy



Original Color
97, 4.797, 151.163

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, 4.797, 151.163 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, 242)` looks like.

```
.text, #text, p{  
    color:rgb(240, 249, 242)  
}
```

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, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 249, 242) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 4.797, 151.163 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, 242) }
```

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

```
.border{ border-color:rgb(240, 249, 242) }
```

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, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 249, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 249, 242);  
box-shadow:4px 4px 4px 4px rgb(240, 249,  
242) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 4.797, 151.163 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, 242) }
```

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

```
.background{ background-color: rgb(240,  
249, 242) }
```

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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