

Converting Colors

CIE LCh(97, 2.625, 187.595)

Have a look what the booklet for
CIELCh(97, 2.625, 187.595) contains.

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Color

CIELCh(97, 2.501, 187.714)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F1F8F7 |
| RGB | 241, 248, 247 |
| RGB Percent | 95%, 97%, 97% |
| CMY | 0.0554, 0.0279, 0.0319 |
| CMYK | 0.03, 0.00, 0.00, 0.03 |
| HSL | 171°, 33%, 96% |
| HSV | 171°, 3%, 97% |
| XYZ | 86.5273, 92.4403, 101.1730 |
| YIQ | 245.7930, -3.8510, -1.7950 |

Conversions

Conversions Part 2

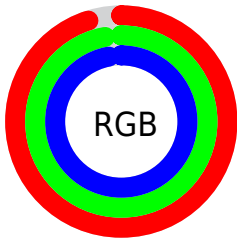
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 241, 245, 248 |
| Decimal | 15857911 |
| CIE Lab | 97.00, -2.48, -0.34 |
| CIE LCh | 97, 2.501, 187.714 |
| Yxy | 92.4403, 0.3089, 0.3300 |
| Android (android.graphics.Color) | 4294047991 (0xFFFF1F8F7) |
| YUV | 245.7930, 0.5951, -4.2035 |
| Hunter-Lab | 96.1459, -7.6126, 4.9121 |

Details

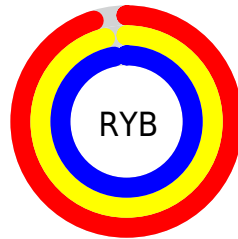
The CIELCh color **97, 2.501, 187.714** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **96, 2.542, 7.664**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 2.622, 187.597** is the 20% darker color. If you saturate the color by 10%, you get **95, 11.192, 186.635**, and if you desaturate by 10%, it is **98, 2.839, 352.141**.

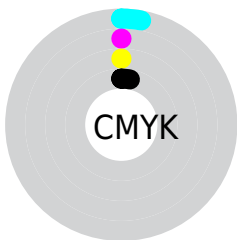
Distribution



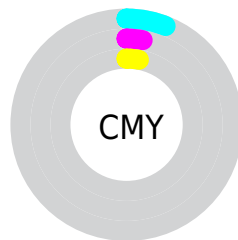
- Red (95%)
- Green (97%)
- Blue (97%)



- Red (95%)
- Yellow (96%)
- Blue (97%)



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



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 2.501, 187.714 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, 2.501, 187.714 by changing the saturation by 10% instead.

97, 2.501, 187.714

97, 2.501, 187.714

100, 2.501,
187.714

87, 2.501, 187.714

77, 2.501, 187.714

67, 2.501, 187.714

57, 2.501, 187.714

47, 2.501, 187.714

37, 2.501, 187.714

27, 2.501, 187.714

17, 2.501, 187.714

7, 2.501, 187.714

97, 2.501, 187.714

97, 2.501, 187.714

95, 11.192,
186.635

98, 2.839, 352.141

94, 19.498,
185.736

98, 4.016, 328.709

98, 4.435, 324.527

92, 27.276,
184.816

91, 34.373,
183.855

90, 40.644,
182.837

89, 45.963,
181.743

89, 50.248,
180.552

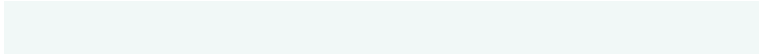
88, 53.479,
179.241

■ 88, 55.720,
177.794

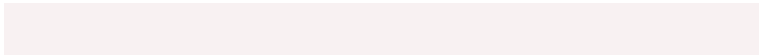
Harmonies

Complementary

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



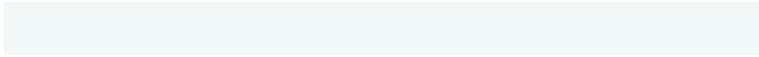
97, 2.501, 187.714



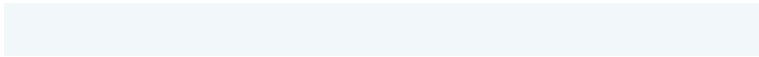
96, 2.542, 7.664

Rectangle

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



97, 2.501, 187.714



97, 2.501, 237.714



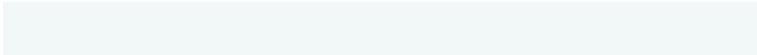
97, 2.501, 7.714



97, 2.501, 57.714

Sweetspot

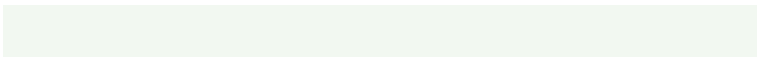
The Sweet Spot groups the original color and five complimentary colors.



97, 2.503, 187.674



100, 0.906, 188.276



97, 4.160, 140.215



53, 0.515, 188.317



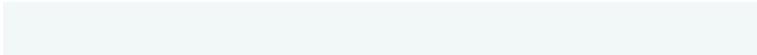
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



97, 2.503, 187.674



99, 2.719, 187.645



96, 2.012, 238.293



52, 2.025, 187.530



69, 46.198, 176.966



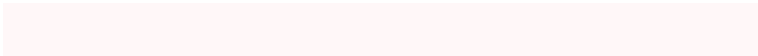
22, 20.453, 179.106

Inverse Universe

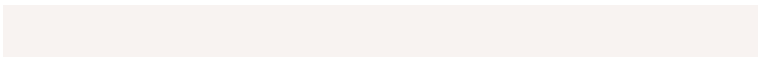
The Inverse Universe completely reimagines the original color for something new.



96, 2.542, 7.664



98, 2.763, 7.694



96, 2.028, 57.246



51, 2.064, 7.812



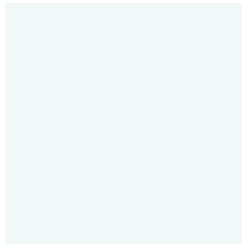
39, 77.004, 33.449



9, 31.275, 20.277

Previews

White Background



This preview shows how the CIE LCh color 97, 2.501, 187.714 looks on a white background.

Color Contrast Check

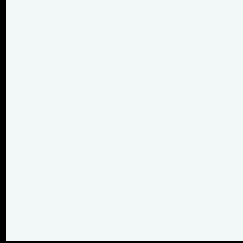
Large Text (above 18pt) WCAG AA × Fail

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, 2.501, 187.714 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

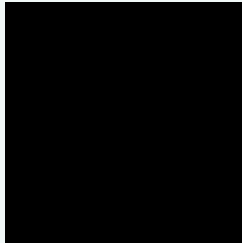
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

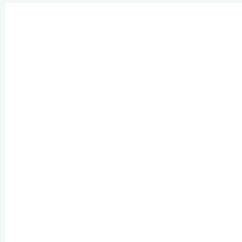
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 2.501, 187.714

Background



This preview shows how black text looks on a background with the CIELCh color 97, 2.501, 187.714.

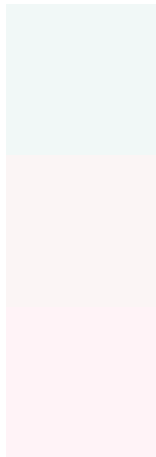


This preview shows how white text looks on a background with the CIELCh color 97, 2.501, 187.714.

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, 2.501, 187.714

Protanopia

97, 2.121, 19.242

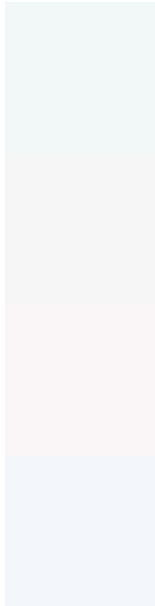
Deuteranopia

97, 4.729, 354.009



Tritanopia
97, 4.617, 286.251

Trichromacy



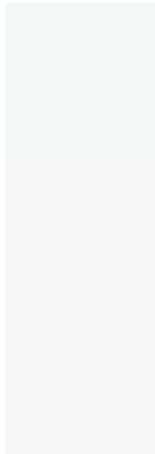
Original Color
97, 2.501, 187.714

Protanomaly
97, 0.353, 17.602

Deuteranomaly
97, 2.052, 349.337

Tritanomaly
97, 2.895, 261.776

Monochromacy



Original Color
97, 2.501, 187.714

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 1.170, 174.048

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 2.501, 187.714 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(241, 248, 247)` looks like.

```
.text, #text, p{  
    color:rgb(241, 248, 247)  
}
```

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(241, 248, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 248, 247) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 2.501, 187.714 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(241, 248, 247) }
```

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

```
.border{ border-color:rgb(241, 248, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 248, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 248, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 248, 247);  
box-shadow:4px 4px 4px 4px rgb(241, 248,  
247) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 2.501, 187.714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 248, 247) }
```

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

```
.background{ background-color: rgb(241,  
248, 247) }
```

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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