

Converting Colors

CIELCh(97, 2.289, 158.675)

Have a look what the booklet for
CIELCh(97, 2.289, 158.675) contains.

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Color

CIELCh(97, 2.337, 158.668)

Conversions

Conversions Part 1

Format	Color
Hex	F3F8F5
RGB	243, 248, 245
RGB Percent	95%, 97%, 96%
CMY	0.0486, 0.0290, 0.0408
CMYK	0.02, 0.00, 0.01, 0.03
HSL	144°, 25%, 96%
HSV	144°, 2%, 97%
XYZ	86.6889, 92.4403, 99.3399
YIQ	246.1630, -2.0170, -1.9930

Conversions

Conversions Part 2

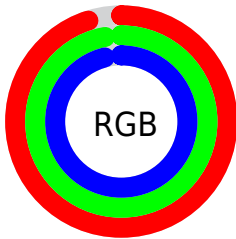
Format	Color
R_{YB}	243, 247, 248
Decimal	15988981
CIE Lab	97.00, -2.18, 0.85
CIE LCh	97, 2.337, 158.668
Yxy	92.4403, 0.3113, 0.3320
Android (android.graphics.Color)	4294179061 (0xFFFF3F8F5)
YUV	246.1630, -0.5734, -2.7740
Hunter-Lab	96.1459, -7.3126, 6.0425

Details

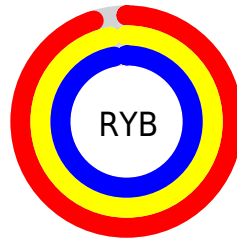
The CIELCh color **97, 2.337, 158.668** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **96, 2.360, 338.584**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 2.455, 158.587** is the 20% darker color. If you saturate the color by 10%, you get **95, 14.013, 157.703**, and if you desaturate by 10%, it is **98, 4.604, 324.535**.

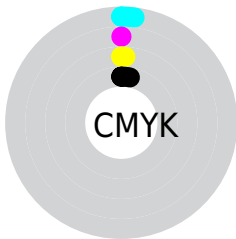
Distribution



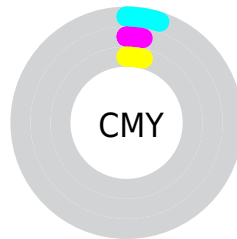
- Red (95%)
- Green (97%)
- Blue (96%)



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



- Cyan (2%)
- Magenta (0%)
- Yellow (1%)
- Black (3%)



- Cyan (5%)
- Magenta (3%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 2.337, 158.668 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, 2.337, 158.668 by changing the saturation by 10% instead.

97, 2.337, 158.668

97, 2.337, 158.668

100, 2.337,
158.668

87, 2.337, 158.668

77, 2.337, 158.668

67, 2.337, 158.668

57, 2.337, 158.668

47, 2.337, 158.668

37, 2.337, 158.668

27, 2.337, 158.668

17, 2.337, 158.668

7, 2.337, 158.668

97, 2.337, 158.668

97, 2.337, 158.668

95, 14.013,
157.703

98, 4.604, 324.535

93, 25.680,
156.792

91, 37.186,
155.767

90, 48.343,
154.599

89, 58.945,
153.263

88, 68.782,
151.736

87, 77.668,
150.003

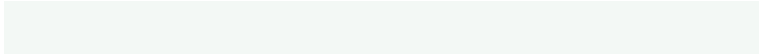
86, 85.474,
148.064

■ 86, 92.151,
145.947

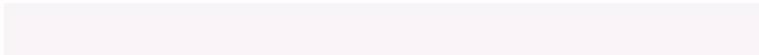
Harmonies

Complementary

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



97, 2.337, 158.668



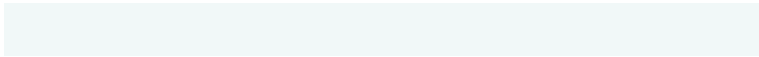
96, 2.360, 338.584

Rectangle

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



97, 2.337, 158.668



97, 2.337, 208.668



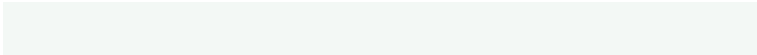
97, 2.337, 338.668



97, 2.337, 28.668

Sweetspot

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



97, 2.339, 158.653



100, 1.181, 158.920



97, 2.638, 124.828



53, 0.671, 158.944



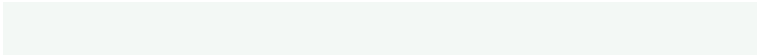
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

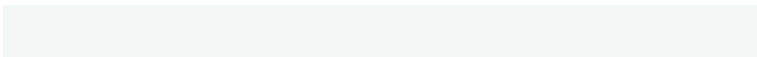
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 2.339, 158.653



100, 2.371, 158.656



97, 1.775, 189.989



52, 1.326, 158.674



67, 78.214, 144.607



22, 32.967, 147.901

Inverse Universe

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



96, 2.360, 338.584



99, 2.392, 338.581



96, 1.799, 9.619



52, 1.338, 338.563



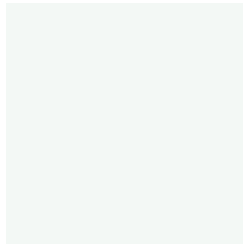
41, 69.680, 352.920



10, 32.329, 348.723

Previews

White Background



This preview shows how the CIE LCh color 97, 2.337, 158.668 looks on a white background.

Color Contrast Check

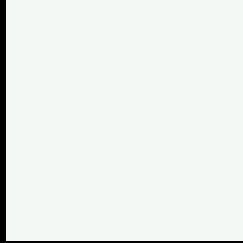
Large Text (above 18pt) WCAG AA × Fail

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, 2.337, 158.668 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

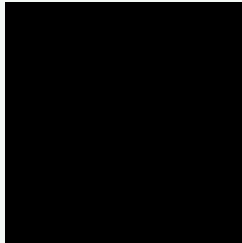
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

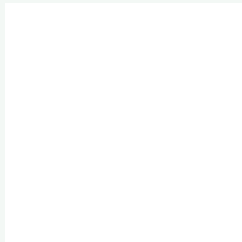
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 2.337, 158.668

Background



This preview shows how black text looks on a background with the CIELCh color 97, 2.337, 158.668.

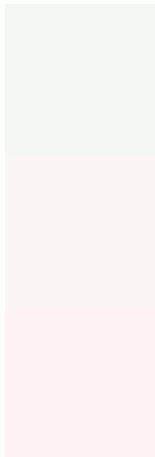


This preview shows how white text looks on a background with the CIELCh color 97, 2.337, 158.668.

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, 2.337, 158.668

Protanopia

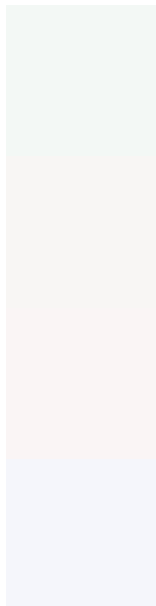
97, 2.346, 45.010

Deuteranopia

97, 4.532, 359.827

Tritanopia
97, 5.141, 294.439

Trichromacy



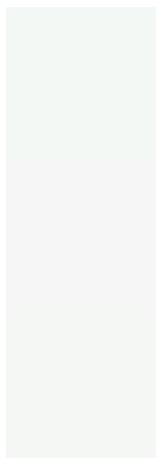
Original Color
97, 2.337, 158.668

Protanomaly
97, 1.226, 74.872

Deuteranomaly
97, 1.766, 19.158

Tritanomaly
97, 2.584, 282.663

Monochromacy



Original Color
97, 2.337, 158.668

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, 2.337, 158.668 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, 245)` looks like.

```
.text, #text, p{  
    color:rgb(243, 248, 245)  
}
```

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, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 248, 245) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 2.337, 158.668 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, 245) }
```

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

```
.border{ border-color:rgb(243, 248, 245) }
```

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, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 248, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 248, 245);  
box-shadow:4px 4px 4px 4px rgb(243, 248,  
245) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 2.337, 158.668 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, 245) }
```

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

```
.background{ background-color: rgb(243,  
248, 245) }
```

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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