

Converting Colors

CIE LCh(97, 2.235, 249.658)

Have a look what the booklet for
CIELCh(97, 2.235, 249.658) contains.

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Color

CIELCh(97, 2.061, 247.867)

Conversions

Conversions Part 1

Format	Color
Hex	F3F7FA
RGB	243, 247, 250
RGB Percent	95%, 97%, 98%
CMY	0.0472, 0.0315, 0.0198
CMYK	0.03, 0.01, 0.00, 0.02
HSL	206°, 41%, 97%
HSV	206°, 3%, 98%
XYZ	87.4422, 92.4403, 103.6397
YIQ	246.1460, -3.3470, 0.0850

Conversions

Conversions Part 2

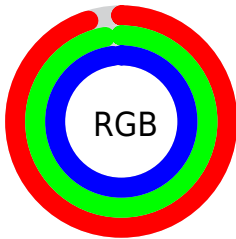
Format	Color
R _Y B	243, 246, 250
Decimal	15988730
CIE Lab	97.00, -0.78, -1.91
CIE LCh	97, 2.061, 247.867
Yxy	92.4403, 0.3084, 0.3260
Android (android.graphics.Color)	4294178810 (0xFFFF3F7FA)
YUV	246.1460, 1.9000, -2.7590
Hunter-Lab	96.1459, -5.9142, 3.3909

Details

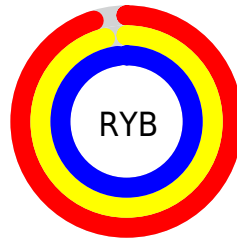
The CIELCh color **97, 2.061, 247.867** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **97, 2.067, 66.696**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 2.159, 247.904** is the 20% darker color. If you saturate the color by 10%, you get **93, 9.297, 248.876**, and if you desaturate by 10%, it is **100, 2.546, 109.957**.

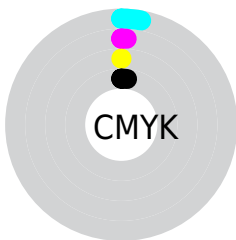
Distribution



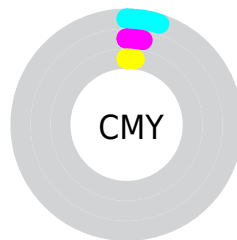
- Red (95%)
- Green (97%)
- Blue (98%)



- Red (95%)
- Yellow (96%)
- Blue (98%)



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



- Cyan (5%)
- Magenta (3%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 2.061, 247.867 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, 2.061, 247.867 by changing the saturation by 10% instead.

97, 2.061, 247.867

97, 2.061, 247.867

100, 2.061,
247.867

87, 2.061, 247.867

77, 2.061, 247.867

67, 2.061, 247.867

57, 2.061, 247.867

47, 2.061, 247.867

37, 2.061, 247.867

27, 2.061, 247.867

17, 2.061, 247.867

7, 2.061, 247.867

97, 2.061, 247.867

97, 2.061, 247.867

93, 9.297, 248.876

100, 2.546,

109.957

88, 16.348,

250.381

84, 23.167,

252.223

80, 29.707,

254.462

76, 35.936,

257.171

72, 41.852,

260.419

68, 47.495,

264.245

64, 52.967,

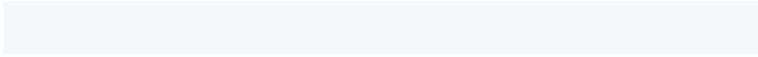
268.633

■ 61, 58.420,
273.470

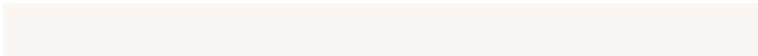
Harmonies

Complementary

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



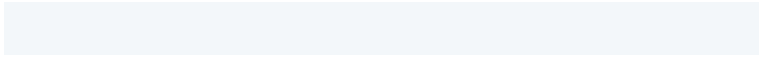
97, 2.061, 247.867



97, 2.067, 66.696

Rectangle

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



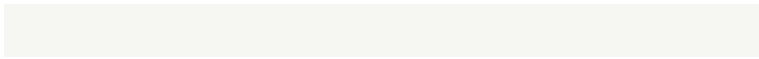
97, 2.061, 247.867



97, 2.061, 297.867



97, 2.061, 67.867



97, 2.061, 117.867

Sweetspot

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



97, 2.060, 247.799



100, 0.754, 248.026



98, 3.232, 159.345



53, 0.429, 248.055



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

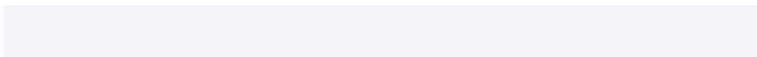
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 2.060, 247.799



99, 2.242, 247.806



96, 3.299, 286.926



51, 1.669, 247.851



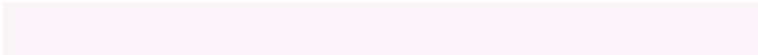
45, 49.802, 276.119



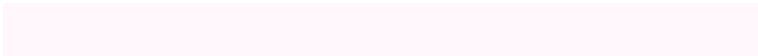
13, 20.210, 268.690

Inverse Universe

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



96, 3.229, 340.041



98, 3.516, 340.067



98, 3.261, 106.276



51, 2.623, 340.155



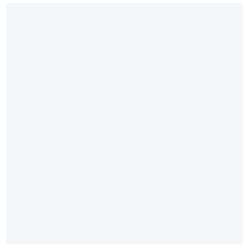
41, 68.882, 355.407



10, 31.910, 350.747

Previews

White Background



This preview shows how the CIELCh color 97, 2.061, 247.867 looks on a white background.

Color Contrast Check

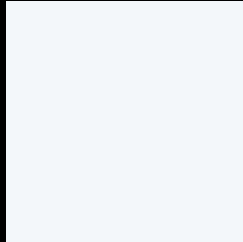
Large Text (above 18pt) WCAG AA × Fail

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, 2.061, 247.867 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

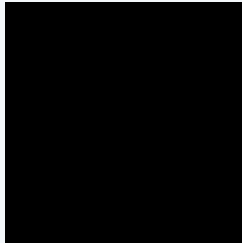
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

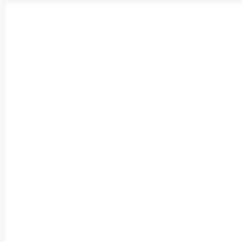
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 2.061, 247.867

Background



This preview shows how black text looks on a background with the CIELCh color 97, 2.061, 247.867.

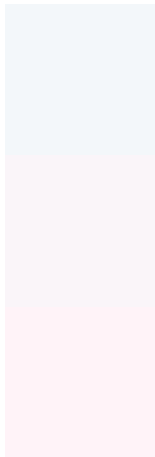


This preview shows how white text looks on a background with the CIELCh color 97, 2.061, 247.867.

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, 2.061, 247.867

Protanopia

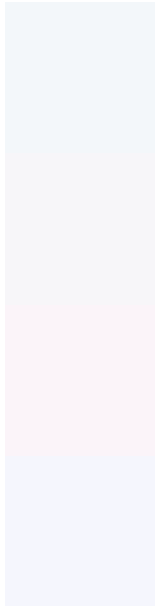
97, 2.719, 330.519

Deuteranopia

97, 4.971, 348.712

Tritanopia
97, 4.609, 290.544

Trichromacy



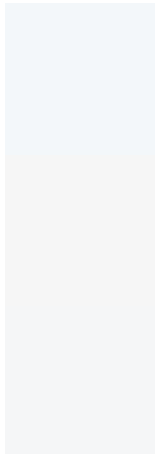
Original Color
97, 2.061, 247.867

Protanomaly
97, 1.588, 303.068

Deuteranomaly
97, 3.575, 333.792

Tritanomaly
97, 3.599, 284.942

Monochromacy



Original Color
97, 2.061, 247.867

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 0.624, 256.207

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 2.061, 247.867 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, 247, 250)` looks like.

```
.text, #text, p{  
    color:rgb(243, 247, 250)  
}
```

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, 247, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 247, 250) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 2.061, 247.867 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, 247, 250) }
```

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

```
.border{ border-color:rgb(243, 247, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 247, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 247, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 247, 250);  
box-shadow:4px 4px 4px 4px rgb(243, 247,  
250) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 2.061, 247.867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 247, 250) }
```

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

```
.background{ background-color: rgb(243,  
247, 250) }
```

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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