

Converting Colors

CIELCh(98, 15.245, 286.658)

Have a look what the booklet for
CIELCh(98, 15.245, 286.658)
contains.

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Color

CIELCh(97, 3.819, 269.261)

Conversions

Conversions Part 1

Format	Color
Hex	F3F7FE
RGB	243, 247, 254
RGB Percent	95%, 97%, 100%
CMY	0.0484, 0.0327, 0.0053
CMYK	0.04, 0.03, 0.00, 0.01
HSL	218°, 80%, 97%
HSV	218°, 4%, 99%
XYZ	87.8351, 92.4403, 106.6870
YIQ	246.6020, -4.6310, 1.3290

Conversions

Conversions Part 2

Format	Color
R_{YB}	243, 246, 254
Decimal	15988734
CIE _{Lab}	97.00, -0.05, -3.82
CIE _{LCh}	97, 3.819, 269.261
Yxy	92.4403, 0.3061, 0.3221
Android (android.graphics.Color)	4294178814 (0xFFFF3F7FE)
YUV	246.6020, 3.6472, -3.1590
Hunter-Lab	96.1459, -5.1847, 1.5118

Details

The CIELCh color **97, 3.819, 269.261** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **98, 3.808, 87.967**, 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, 3.512, 266.151** is the 20% darker color. If you saturate the color by 10%, you get **91, 12.682, 270.610**, and if you desaturate by 10%, it is **100, 0.672, 110.012**.

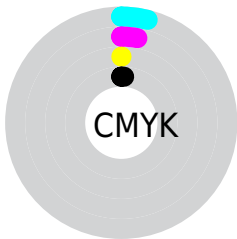
Distribution



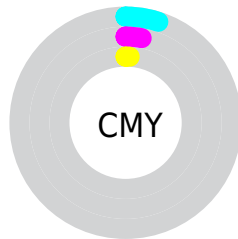
- Red (95%)
- Green (97%)
- Blue (100%)



- Red (95%)
- Yellow (96%)
- Blue (100%)



- Cyan (4%)
- Magenta (3%)
- Yellow (0%)
- Black (1%)



- Cyan (5%)
- Magenta (3%)
- Yellow (1%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 3.819, 269.261 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, 3.819, 269.261 by changing the saturation by 10% instead.

 97, 3.819, 269.261

 97, 3.819, 269.261

 100, 3.819,
269.261

 87, 3.819, 269.261

 77, 3.819, 269.261

 67, 3.819, 269.261

 57, 3.819, 269.261

 47, 3.819, 269.261

 37, 3.819, 269.261

 27, 3.819, 269.261

 17, 3.819, 269.261

 7, 3.819, 269.261

97, 3.819, 269.261

97, 3.819, 269.261

91, 12.682,
270.610

100, 0.672,
110.012

85, 21.653,
272.283

80, 30.730,
274.253

74, 39.924,
276.567

68, 49.262,
279.265

63, 58.787,
282.366

57, 68.551,
285.846

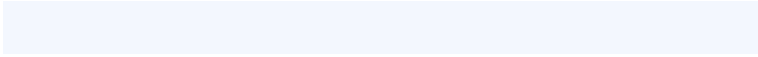
52, 78.578,
289.606

■ 48, 88.794,
293.462

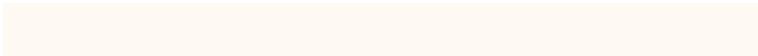
Harmonies

Complementary

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



97, 3.819, 269.261



98, 3.808, 87.967

Rectangle

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



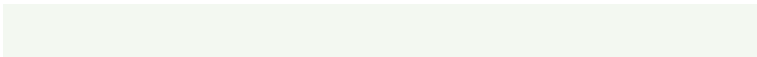
97, 3.819, 269.261



97, 3.819, 319.261



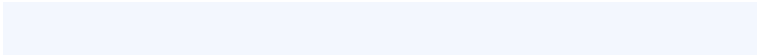
97, 3.819, 89.261



97, 3.819, 139.261

Sweetspot

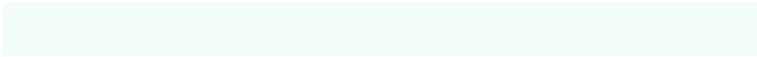
The Sweet Spot groups the original color and five complimentary colors.



97, 3.818, 269.231



99, 0.891, 269.071



99, 4.364, 171.244



53, 0.507, 269.083



0, 0.000, 0.000



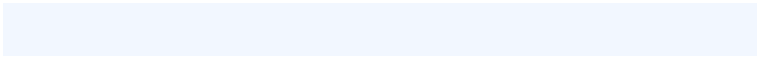
53, 0.007, 296.813

Same Dimension

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



97, 3.818, 269.231



97, 4.425, 269.309



96, 5.671, 295.752



51, 3.019, 269.395



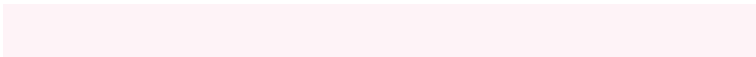
34, 75.120, 294.888



9, 30.133, 289.481

Inverse Universe

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



97, 4.410, 351.952



97, 5.117, 352.031



99, 5.598, 115.076



51, 3.495, 352.110



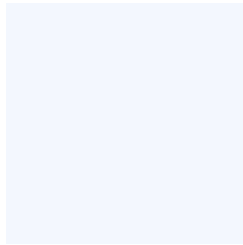
40, 68.920, 15.285



10, 31.290, 7.850

Previews

White Background



This preview shows how the CIELCh color 97, 3.819, 269.261 looks on a white background.

Color Contrast Check

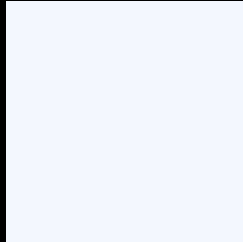
Large Text (above 18pt) WCAG AA × Fail

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, 3.819, 269.261 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

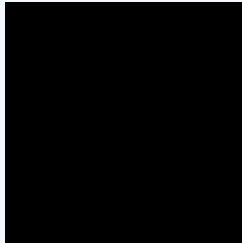
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

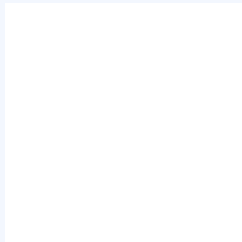
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 3.819, 269.261

Background



This preview shows how black text looks on a background with the CIELCh color 97, 3.819, 269.261.

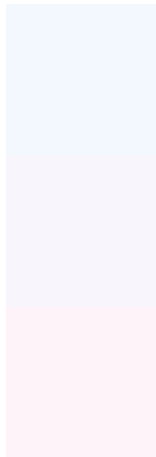


This preview shows how white text looks on a background with the CIELCh color 97, 3.819, 269.261.

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, 3.821, 269.263

Protanopia

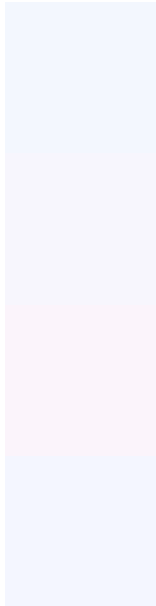
97, 4.348, 309.175

Deuteranopia

97, 5.567, 339.698

Tritanopia
97, 4.617, 286.251

Trichromacy



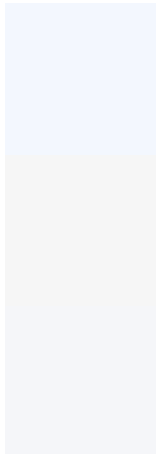
Original Color
97, 3.821, 269.263

Protanomaly
97, 3.609, 295.994

Deuteranomaly
97, 4.371, 324.526

Tritanomaly
97, 4.650, 282.004

Monochromacy



Original Color
97, 3.821, 269.263

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 1.578, 277.559

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 3.819, 269.261 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, 254)` looks like.

```
.text, #text, p{  
    color:rgb(243, 247, 254)  
}
```

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, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 247, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 3.819, 269.261 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, 254) }
```

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

```
.border{ border-color:rgb(243, 247, 254) }
```

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, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 247, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 247, 254);  
box-shadow:4px 4px 4px 4px rgb(243, 247,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 3.819, 269.261 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, 254) }
```

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

```
.background{ background-color: rgb(243,  
247, 254) }
```

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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