

Converting Colors

CIELCh(97, 3.266, 217.661)

Have a look what the booklet for
CIELCh(97, 3.266, 217.661) contains.

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Color

CIELCh(97, 3.269, 217.660)

Conversions

Conversions Part 1

Format	Color
Hex	EFF8FA
RGB	239, 248, 250
RGB Percent	94%, 97%, 98%
CMY	0.0625, 0.0272, 0.0194
CMYK	0.04, 0.01, 0.00, 0.02
HSL	191°, 53%, 96%
HSV	191°, 4%, 98%
XYZ	86.4687, 92.4403, 103.7791
YIQ	245.5370, -6.0060, -1.2860

Conversions

Conversions Part 2

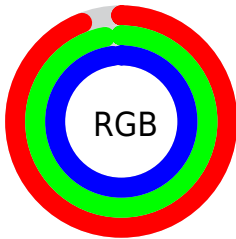
Format	Color
R _Y B	239, 244, 250
Decimal	15726842
CIE Lab	97.00, -2.59, -2.00
CIE LCh	97, 3.269, 217.660
Yxy	92.4403, 0.3059, 0.3270
Android (android.graphics.Color)	4293916922 (0xFFEFF8FA)
YUV	245.5370, 2.2003, -5.7329
Hunter-Lab	96.1459, -7.7215, 3.3050

Details

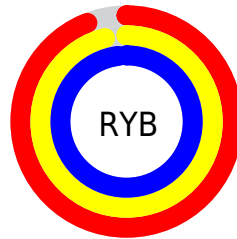
The CIELCh color **97, 3.269, 217.660** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **96, 3.357, 37.103**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 3.418, 217.643** is the 20% darker color. If you saturate the color by 10%, you get **94, 10.424, 217.744**, and if you desaturate by 10%, it is **99, 1.524, 76.492**.

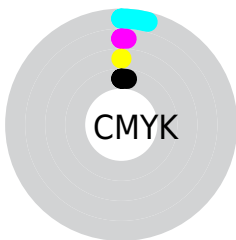
Distribution



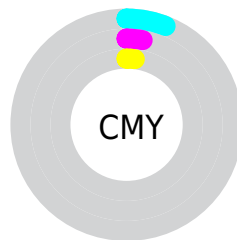
- Red (94%)
- Green (97%)
- Blue (98%)



- Red (94%)
- Yellow (96%)
- Blue (98%)



- Cyan (4%)
- Magenta (1%)
- Yellow (0%)
- Black (2%)



- Cyan (6%)
- Magenta (3%)
- Yellow (2%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 3.269, 217.660 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, 3.269, 217.660 by changing the saturation by 10% instead.

 97, 3.269, 217.660

 97, 3.269, 217.660

 100, 3.269,
217.660

 87, 3.269, 217.660

 77, 3.269, 217.660

 67, 3.269, 217.660

 57, 3.269, 217.660

 47, 3.269, 217.660

 37, 3.269, 217.660

 27, 3.269, 217.660

 17, 3.269, 217.660

 7, 3.269, 217.660

97, 3.269, 217.660

97, 3.269, 217.660

94, 10.424,
217.744

99, 1.524, 76.492

91, 17.115,
218.139

100, 2.492,
109.961

89, 23.228,
218.748

86, 28.644,
219.616

84, 33.253,
220.804

82, 36.966,
222.383

80, 39.739,
224.436

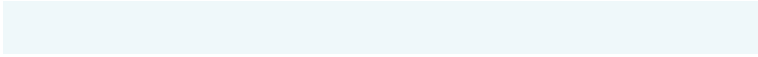
79, 41.597,
227.039

■ 77, 42.656,
230.249

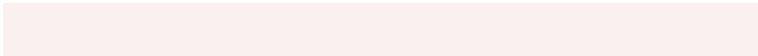
Harmonies

Complementary

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



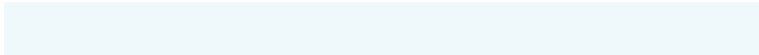
97, 3.269, 217.660



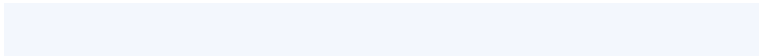
96, 3.357, 37.103

Rectangle

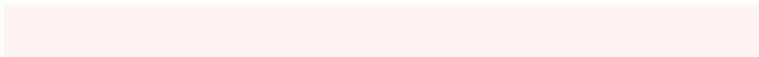
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97, 3.269, 217.660



97, 3.269, 267.660



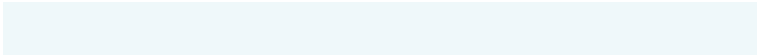
97, 3.269, 37.660



97, 3.269, 87.660

Sweetspot

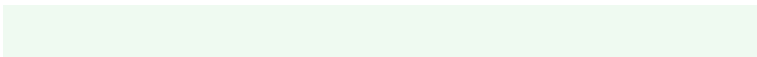
The Sweet Spot groups the original color and five complimentary colors.



97, 3.270, 217.618



100, 0.763, 218.222



97, 6.105, 149.177



53, 0.434, 218.266



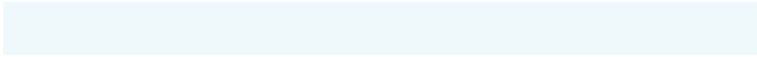
0, 0.000, 0.000



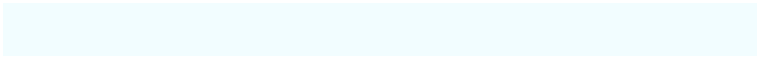
53, 0.007, 296.813

Same Dimension

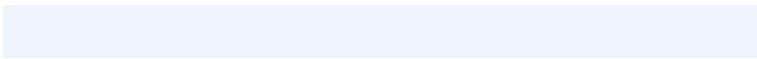
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 3.270, 217.618



99, 3.770, 217.607



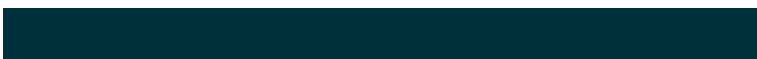
96, 3.957, 271.754



51, 2.525, 217.600



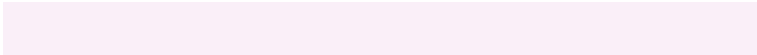
59, 34.799, 231.570



18, 15.710, 226.573

Inverse Universe

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



96, 6.063, 330.100



97, 7.003, 330.144



97, 3.941, 90.508



50, 4.702, 330.193



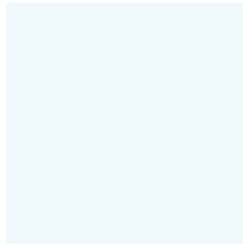
43, 80.002, 337.064



11, 36.831, 335.753

Previews

White Background



This preview shows how the CIELCh color 97, 3.269, 217.660 looks on a white background.

Color Contrast Check

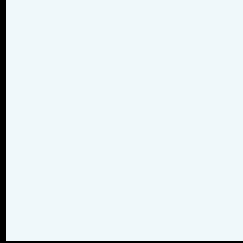
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 97, 3.269, 217.660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

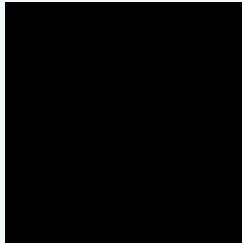
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

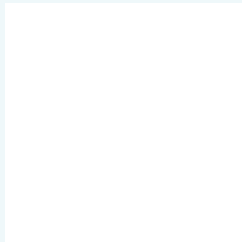
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 3.269, 217.660

Background



This preview shows how black text looks on a background with the CIELCh color 97, 3.269, 217.660.

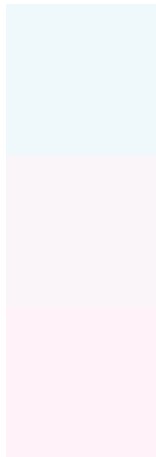


This preview shows how white text looks on a background with the CIELCh color 97, 3.269, 217.660.

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, 3.269, 217.660

Protanopia

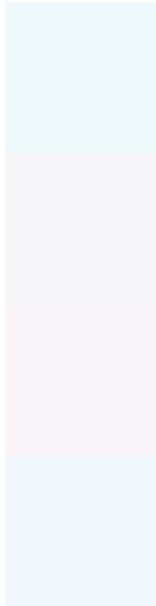
97, 2.353, 338.595

Deuteranopia

97, 5.253, 343.947

Tritanopia
97, 4.650, 282.004

Trichromacy



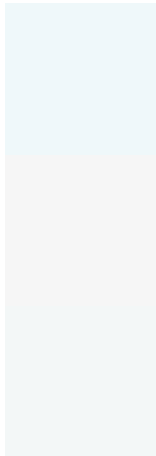
Original Color
97, 3.269, 217.660

Protanomaly
97, 1.544, 290.344

Deuteranomaly
97, 2.503, 324.409

Tritanomaly
97, 3.503, 260.849

Monochromacy



Original Color
97, 3.269, 217.660

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 1.398, 199.777

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 3.269, 217.660 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(239, 248, 250)` looks like.

```
.text, #text, p{  
    color:rgb(239, 248, 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(239, 248, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 248, 250) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 3.269, 217.660 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(239, 248, 250) }
```

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

```
.border{ border-color:rgb(239, 248, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 248, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 248, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 248, 250);  
box-shadow:4px 4px 4px 4px rgb(239, 248,  
250) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 3.269, 217.660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 248, 250) }
```

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

```
.background{ background-color: rgb(239,  
248, 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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