

Converting Colors

CIELCh(97, 7.368, 219.866)

Have a look what the booklet for
CIELCh(97, 7.368, 219.866) contains.

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Color

CIELCh(97, 7.228, 219.852)

Conversions

Conversions Part 1

Format	Color
Hex	E6FAFF
RGB	230, 250, 255
RGB Percent	90%, 98%, 100%
CMY	0.0979, 0.0195, 0.0000
CMYK	0.10, 0.02, 0.00, 0.00
HSL	192°, 100%, 95%
HSV	192°, 10%, 100%
XYZ	84.8929, 92.4403, 108.0023
YIQ	244.5900, -13.5250, -2.6850

Conversions

Conversions Part 2

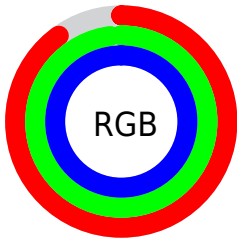
Format	Color
R _{YB}	230, 241, 255
Decimal	15137535
CIE Lab	97.00, -5.55, -4.63
CIE LCh	97, 7.228, 219.852
Yxy	92.4403, 0.2975, 0.3240
Android (android.graphics.Color)	4293327615 (0xFFE6FAFF)
YUV	244.5900, 5.1321, -12.7954
Hunter-Lab	96.1459, -10.6470, 0.7006

Details

The CIELCh color **97, 7.228, 219.852** is a light color, and the websafe version is hex FFFFFFF. A complement of this color would be **94, 7.683, 39.077**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 7.376, 215.930** is the 20% darker color. If you saturate the color by 10%, you get **94, 14.191, 220.100**, and if you desaturate by 10%, it is **100, 0.012, 296.813**.

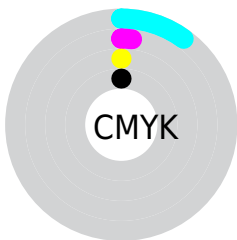
Distribution



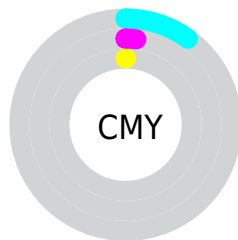
- Red (90%)
- Green (98%)
- Blue (100%)



- Red (90%)
- Yellow (95%)
- Blue (100%)



- Cyan (10%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)



- Cyan (10%)
- Magenta (2%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 7.228, 219.852 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, 7.228, 219.852 by changing the saturation by 10% instead.

97, 7.228, 219.852

97, 7.228, 219.852

100, 7.228,
219.852

87, 7.228, 219.852

77, 7.228, 219.852

67, 7.228, 219.852

57, 7.228, 219.852

47, 7.228, 219.852

37, 7.228, 219.852

27, 7.228, 219.852

17, 7.228, 219.852

7, 7.228, 219.852

97, 7.228, 219.852

97, 7.228, 219.852

94, 14.191,
220.100

100, 0.012,
296.813

91, 20.641,
220.718

89, 26.457,
221.590

86, 31.525,
222.777

84, 35.745,
224.353

82, 39.056,
226.401

80, 41.452,
229.010

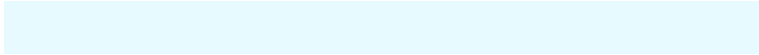
78, 43.016,
232.248

■ 76, 43.979,
236.082

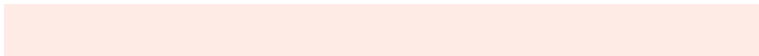
Harmonies

Complementary

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



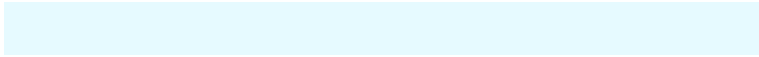
97, 7.228, 219.852



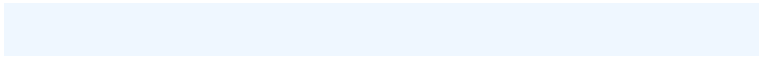
94, 7.683, 39.077

Rectangle

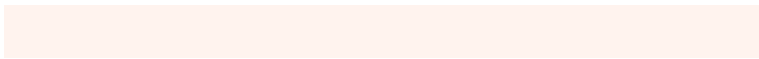
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97, 7.228, 219.852



97, 7.228, 269.852



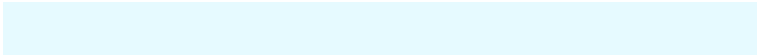
97, 7.228, 39.852



97, 7.228, 89.852

Sweetspot

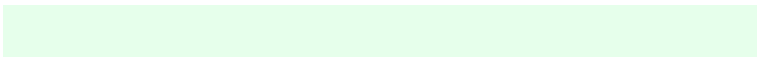
The Sweet Spot groups the original color and five complimentary colors.



97, 7.223, 219.707



99, 2.251, 219.698



98, 13.699, 149.341



53, 1.703, 219.659



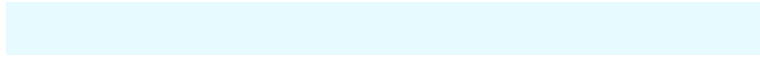
0, 0.000, 0.000



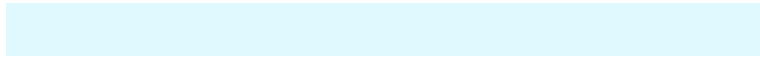
53, 0.007, 296.813

Same Dimension

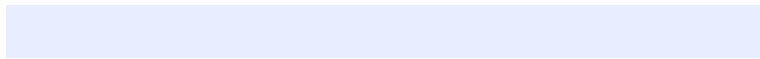
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 7.223, 219.707



96, 8.801, 219.773



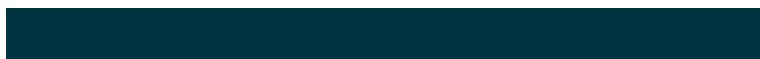
94, 9.140, 273.748



52, 4.197, 219.700



59, 35.376, 235.409



19, 16.149, 230.170

Inverse Universe

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



94, 13.590, 331.074



92, 16.678, 331.220



97, 9.127, 91.188



50, 7.889, 331.054



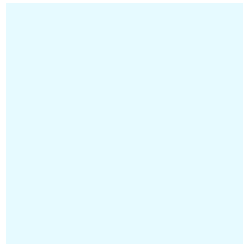
43, 79.751, 338.112



11, 37.355, 336.691

Previews

White Background



This preview shows how the CIELCh color 97, 7.228, 219.852 looks on a white background.

Color Contrast Check

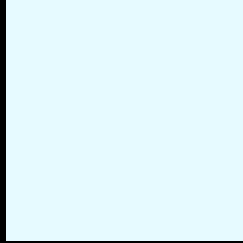
Large Text (above 18pt) WCAG AA × Fail

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, 7.228, 219.852 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

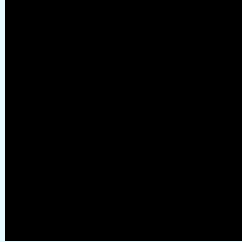
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

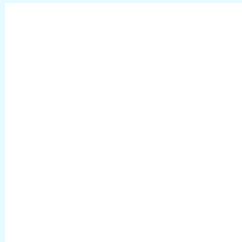
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 7.228, 219.852

Background



This preview shows how black text looks on a background with the CIELCh color 97, 7.228, 219.852.

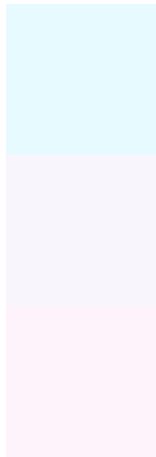


This preview shows how white text looks on a background with the CIELCh color 97, 7.228, 219.852.

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, 7.228, 219.852

Protanopia

97, 3.868, 311.597

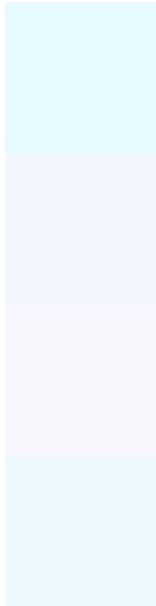
Deuteranopia

97, 5.909, 335.926



Tritanopia
97, 4.556, 263.537

Trichromacy



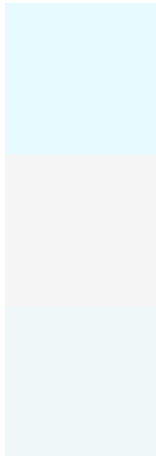
Original Color
97, 7.228, 219.852

Protanomaly
97, 3.503, 260.849

Deuteranomaly
97, 3.077, 290.436

Tritanomaly
97, 5.155, 243.403

Monochromacy



Original Color
97, 7.228, 219.852

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 2.626, 222.451

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 7.228, 219.852 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(230, 250, 255)` looks like.

```
.text, #text, p{  
    color:rgb(230, 250, 255)  
}
```

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(230, 250, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 250, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 7.228, 219.852 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(230, 250, 255) }
```

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

```
.border{ border-color:rgb(230, 250, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 250, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 250, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 250, 255);  
box-shadow:4px 4px 4px 4px rgb(230, 250,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 7.228, 219.852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 250, 255) }
```

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

```
.background{ background-color: rgb(230,  
250, 255) }
```

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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