

Converting Colors

CIELCh(98, 30.457, 279.605)

Have a look what the booklet for
CIELCh(98, 30.457, 279.605)
contains.

CIELCh(97, 8.015, 221.632)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(97, 8.015, 221.632)

Conversions

Conversions Part 1

Format	Color
Hex	E4FAFF
RGB	228, 250, 255
RGB Percent	89%, 98%, 100%
CMY	0.1046, 0.0182, 0.0000
CMYK	0.10, 0.02, 0.00, 0.00
HSL	190°, 100%, 95%
HSV	190°, 10%, 100%
XYZ	84.6595, 92.4403, 109.1319
YIQ	243.9920, -14.7170, -3.1090

Conversions

Conversions Part 2

Format	Color
R _Y B	228, 240, 255
Decimal	15006463
CIE Lab	97.00, -5.99, -5.32
CIE LCh	97, 8.015, 221.632
Yxy	92.4403, 0.2958, 0.3230
Android (android.graphics.Color)	4293196543 (0xFFE4FAFF)
YUV	243.9920, 5.4269, -14.0250
Hunter-Lab	96.1459, -11.0803, 0.0040

Details

The CIELCh color `97, 8.015, 221.632` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `94, 8.354, 36.401`, 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, 8.036, 214.450` is the 20% darker color. If you saturate the color by 10%, you get `94, 14.833, 217.081`, and if you desaturate by 10%, it is `100, 0.353, 218.410`.

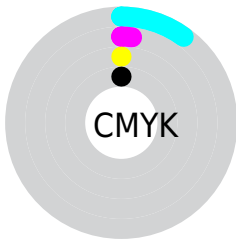
Distribution



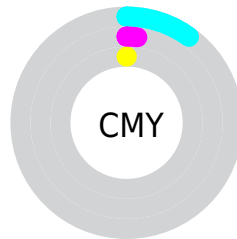
- Red (89%)
- Green (98%)
- Blue (100%)



- Red (89%)
- Yellow (94%)
- 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, 8.015, 221.632 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, 8.015, 221.632 by changing the saturation by 10% instead.

97, 8.015, 221.632

97, 8.015, 221.632

100, 8.015,
221.632

87, 8.015, 221.632

77, 8.015, 221.632

67, 8.015, 221.632

57, 8.015, 221.632

47, 8.015, 221.632

37, 8.015, 221.632

27, 8.015, 221.632

17, 8.015, 221.632

7, 8.015, 221.632

97, 8.015, 221.632

97, 8.015, 221.632

94, 14.833,
217.081

100, 0.353,
218.410

92, 21.308,
217.557

100, 0.012,
296.813

89, 27.115,
218.266

87, 32.134,
219.258

85, 36.261,
220.601

83, 39.431,
222.371

81, 41.636,
224.645

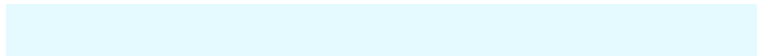
80, 42.953,
227.491

■ 78, 43.601,
230.710

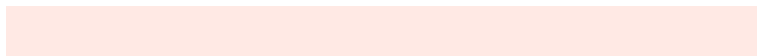
Harmonies

Complementary

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



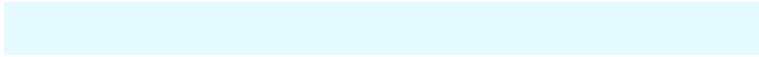
97, 8.015, 221.632



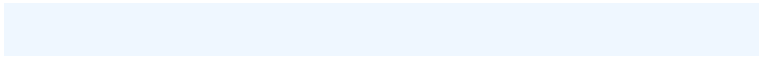
94, 8.354, 36.401

Rectangle

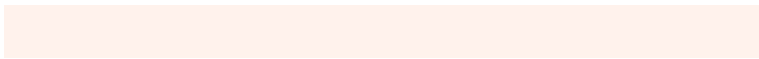
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97, 8.015, 221.632



97, 8.015, 271.632



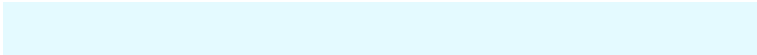
97, 8.015, 41.632



97, 8.015, 91.632

Sweetspot

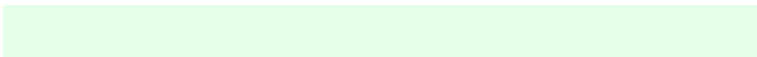
The Sweet Spot groups the original color and five complimentary colors.



97, 7.810, 216.807



99, 2.283, 216.869



98, 14.817, 148.737



53, 1.727, 216.820



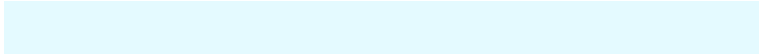
0, 0.000, 0.000



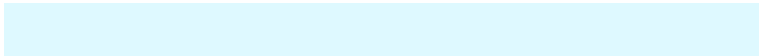
53, 0.007, 296.813

Same Dimension

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



97, 7.810, 216.807



96, 9.639, 216.856



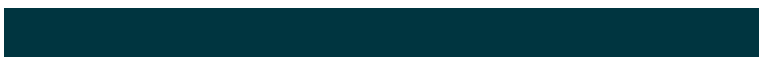
94, 9.590, 272.546



52, 4.256, 216.793



60, 35.100, 230.046



20, 16.142, 225.471

Inverse Universe

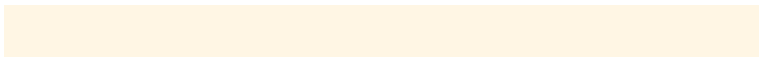
The Inverse Universe completely reimagines the original color for something new.



93, 14.777, 330.267



92, 18.393, 330.432



97, 9.598, 89.783



50, 8.027, 330.205



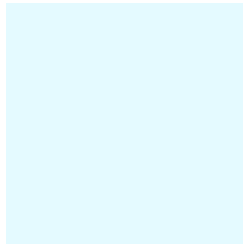
44, 81.232, 336.658



12, 37.974, 335.470

Previews

White Background



This preview shows how the CIELCh color 97, 8.015, 221.632 looks on a white background.

Color Contrast Check

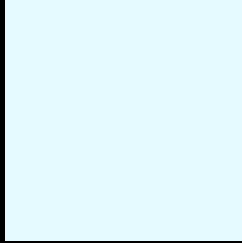
Large Text (above 18pt) WCAG AA × Fail

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, 8.015, 221.632 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

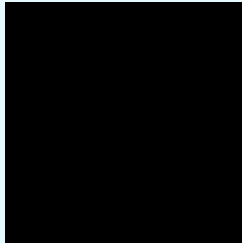
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

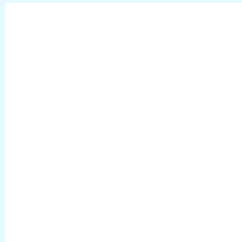
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 8.015, 221.632

Background



This preview shows how black text looks on a background with the CIELCh color 97, 8.015, 221.632.

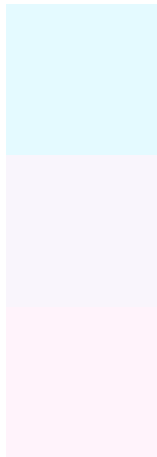


This preview shows how white text looks on a background with the CIELCh color 97, 8.015, 221.632.

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, 7.853, 218.094

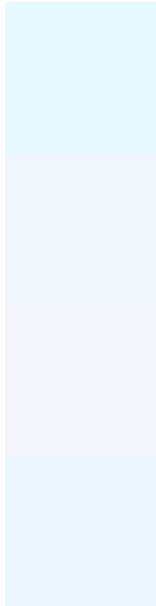
Protanopia
97, 3.868, 311.597

Deuteranopia
97, 5.909, 335.926



Tritanopia
97, 4.715, 259.792

Trichromacy



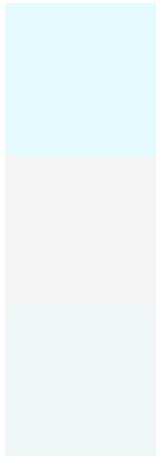
Original Color
97, 7.853, 218.094

Protanomaly
97, 3.679, 256.135

Deuteranomaly
97, 3.091, 283.983

Tritanomaly
97, 5.403, 240.891

Monochromacy



Original Color
97, 7.853, 218.094

Achromatopsia
96, 0.011, 296.813

Achromatomaly
96, 2.949, 219.793

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 8.015, 221.632 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(228, 250, 255)` looks like.

```
.text, #text, p{  
    color:rgb(228, 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(228, 250, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 250, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 8.015, 221.632 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(228, 250, 255) }
```

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

```
.border{ border-color:rgb(228, 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(228, 250, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 250, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 250, 255);  
box-shadow:4px 4px 4px 4px rgb(228, 250,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 8.015, 221.632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 250, 255) }
```

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

```
.background{ background-color: rgb(228,  
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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