

Converting Colors

CIELCh(100, 43.349, 288.324)

Have a look what the booklet for
CIELCh(100, 43.349, 288.324)
contains.

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Color

CIELCh(97, 5.100, 229.382)

Conversions

Conversions Part 1

Format	Color
Hex	ECF9FE
RGB	236, 249, 254
RGB Percent	93%, 98%, 100%
CMY	0.0758, 0.0249, 0.0053
CMYK	0.07, 0.02, 0.00, 0.01
HSL	197°, 87%, 96%
HSV	197°, 7%, 99%
XYZ	86.0772, 92.4403, 106.7717
YIQ	245.6830, -9.3530, -1.2010

Conversions

Conversions Part 2

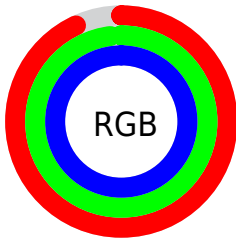
Format	Color
R _Y B	236, 244, 254
Decimal	15530494
CIE Lab	97.00, -3.32, -3.87
CIE LCh	97, 5.100, 229.382
Yxy	92.4403, 0.3017, 0.3240
Android (android.graphics.Color)	4293720574 (0xFFE9CF9E)
YUV	245.6830, 4.1003, -8.4920
Hunter-Lab	96.1459, -8.4483, 1.4595

Details

The CIELCh color **97, 5.100, 229.382** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **96, 5.303, 48.270**, 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, 5.097, 224.130** is the 20% darker color. If you saturate the color by 10%, you get **94, 12.006, 230.089**, and if you desaturate by 10%, it is **100, 0.676, 110.013**.

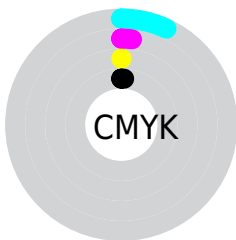
Distribution



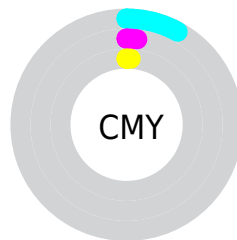
- Red (93%)
- Green (98%)
- Blue (100%)



- Red (93%)
- Yellow (96%)
- Blue (100%)



- Cyan (7%)
- Magenta (2%)
- Yellow (0%)
- Black (1%)



- Cyan (8%)
- Magenta (2%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 5.100, 229.382 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, 5.100, 229.382 by changing the saturation by 10% instead.

97, 5.100, 229.382

97, 5.100, 229.382

100, 5.100,
229.382

87, 5.100, 229.382

77, 5.100, 229.382

67, 5.100, 229.382

57, 5.100, 229.382

47, 5.100, 229.382

37, 5.100, 229.382

27, 5.100, 229.382

17, 5.100, 229.382

7, 5.100, 229.382

97, 5.100, 229.382

97, 5.100, 229.382

94, 12.006,
230.089

100, 0.676,
110.013

90, 18.503,
231.112

87, 24.499,
232.447

84, 29.901,
234.166

81, 34.628,
236.355

78, 38.636,
239.111

75, 41.935,
242.523

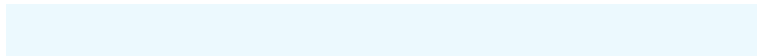
73, 44.619,
246.644

■ 71, 46.879,
251.436

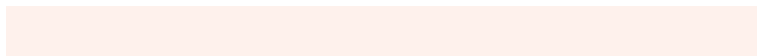
Harmonies

Complementary

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



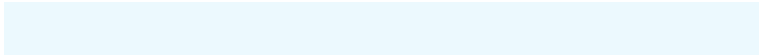
97, 5.100, 229.382



96, 5.303, 48.270

Rectangle

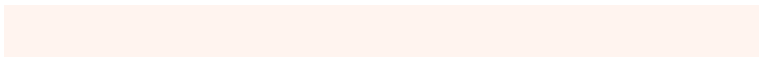
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97, 5.100, 229.382



97, 5.100, 279.382



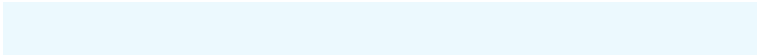
97, 5.100, 49.382



97, 5.100, 99.382

Sweetspot

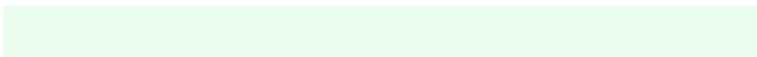
The Sweet Spot groups the original color and five complimentary colors.



97, 5.100, 229.355



99, 1.463, 229.323



98, 9.279, 152.533



53, 0.832, 229.339



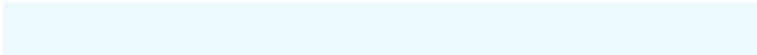
0, 0.000, 0.000



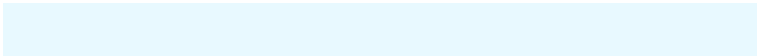
53, 0.007, 296.813

Same Dimension

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



97, 5.100, 229.355



97, 6.474, 229.468



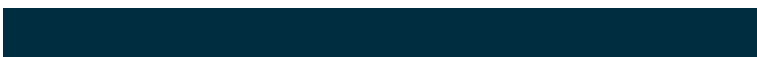
95, 7.211, 279.217



51, 4.085, 229.500



54, 38.180, 251.943



17, 16.857, 245.158

Inverse Universe

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



95, 9.245, 333.827



94, 11.803, 333.967



98, 7.153, 97.470



50, 7.459, 334.004



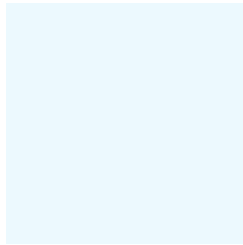
43, 75.413, 343.308



11, 35.499, 341.009

Previews

White Background



This preview shows how the CIELCh color 97, 5.100, 229.382 looks on a white background.

Color Contrast Check

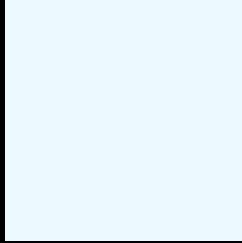
Large Text (above 18pt) WCAG AA × Fail

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, 5.100, 229.382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

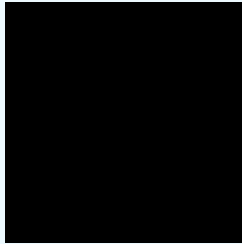
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 97, 5.100, 229.382

Background



This preview shows how black text looks on a background with the CIELCh color 97, 5.100, 229.382.

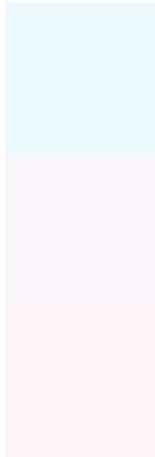


This preview shows how white text looks on a background with the CIELCh color 97, 5.100, 229.382.

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](#).

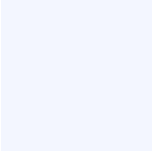
Dichromacy



Original Color
97, 5.103, 229.384

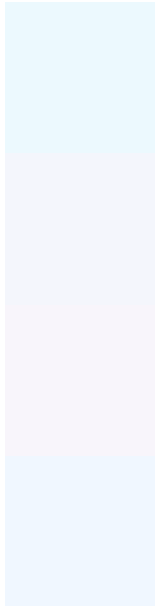
Protanopia
97, 3.397, 314.709

Deuteranopia
97, 5.567, 339.698



Tritanopia
97, 4.708, 277.847

Trichromacy



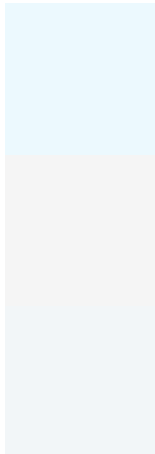
Original Color
97, 5.103, 229.384

Protanomaly
97, 3.144, 277.680

Deuteranomaly
97, 3.265, 309.130

Tritanomaly
97, 4.715, 259.792

Monochromacy



Original Color
97, 5.103, 229.384

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 1.722, 236.227

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 5.100, 229.382 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(236, 249, 254)` looks like.

```
.text, #text, p{  
    color:rgb(236, 249, 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(236, 249, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 249, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 5.100, 229.382 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(236, 249, 254) }
```

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

```
.border{ border-color:rgb(236, 249, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 249, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 249, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 249, 254);  
box-shadow:4px 4px 4px 4px rgb(236, 249,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 5.100, 229.382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 249, 254) }
```

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

```
.background{ background-color: rgb(236,  
249, 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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