

Converting Colors

CIELCh(100, 10.478, 162.882)

Have a look what the booklet for
CIELCh(100, 10.478, 162.882)
contains.

CIELCh(99, 6.990, 173.123)	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(99, 6.990, 173.123)

Conversions

Conversions Part 1

Format	Color
Hex	EEFFFA
RGB	238, 255, 250
RGB Percent	93%, 100%, 98%
CMY	0.0658, 0.0000, 0.0187
CMYK	0.07, 0.00, 0.02, 0.00
HSL	163°, 100%, 97%
HSV	163°, 7%, 100%
XYZ	88.7746, 97.4360, 104.7534
YIQ	249.3470, -8.5270, -5.1590

Conversions

Conversions Part 2

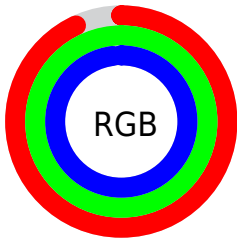
Format	Color
R_{YB}	238, 248, 255
Decimal	15663098
CIE _{Lab}	99.00, -6.94, 0.84
CIE _{LCh}	99, 6.990, 173.123
Yxy	97.4360, 0.3051, 0.3349
Android (android.graphics.Color)	4293853178 (0xFFEEFFFA)
YUV	249.3470, 0.3219, -9.9513
Hunter-Lab	98.7097, -12.2080, 6.1766

Details

The CIELCh color **99, 6.990, 173.123** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **96, 6.470, 357.575**, and the grayscale version is **98, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **79, 6.211, 178.864** is the 20% darker color. If you saturate the color by 10%, you get **97, 15.820, 175.498**, and if you desaturate by 10%, it is **100, 0.012, 296.813**.

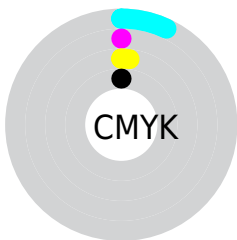
Distribution



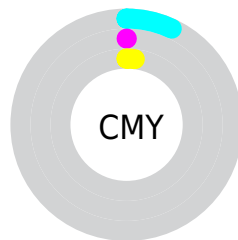
- Red (93%)
- Green (100%)
- Blue (98%)



- Red (93%)
- Yellow (97%)
- Blue (100%)



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



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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 6.990, 173.123 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 99, 6.990, 173.123 by changing the saturation by 10% instead.

 99, 6.990, 173.123

 99, 6.990, 173.123

 100, 6.990,
173.123

 89, 6.990, 173.123

 79, 6.990, 173.123

 69, 6.990, 173.123

 59, 6.990, 173.123

 49, 6.990, 173.123

 39, 6.990, 173.123

 29, 6.990, 173.123

 19, 6.990, 173.123

 9, 6.990, 173.123

99, 6.990, 173.123

99, 6.990, 173.123

97, 15.820,
175.498

100, 0.012,
296.813

95, 25.000,
174.439

94, 33.722,
173.298

93, 41.818,
172.050

92, 49.130,
170.671

91, 55.521,
169.134

90, 60.905,
167.415

90, 65.271,
165.497

■ 89, 68.711,
163.382

Harmonies

Complementary

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



99, 6.990, 173.123



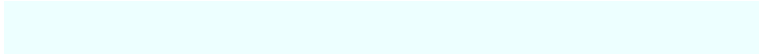
96, 6.470, 357.575

Rectangle

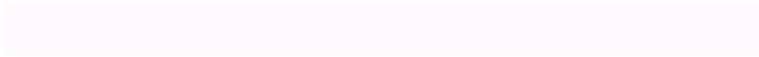
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



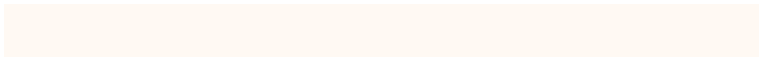
99, 6.990, 173.123



99, 6.990, 223.123



99, 6.990, 353.123



99, 6.990, 43.123

Sweetspot

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



99, 6.336, 176.525



100, 1.927, 177.159



99, 9.523, 135.476



53, 1.095, 177.183



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

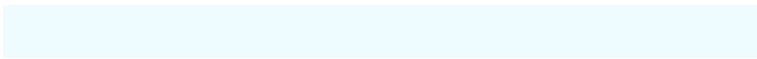
The Same Dimension uses a secret algorithm to generate beautiful new colors.



99, 6.336, 176.525



98, 7.694, 176.375



98, 4.893, 219.786



52, 5.462, 176.220



69, 55.841, 163.052



23, 24.590, 165.995

Inverse Universe

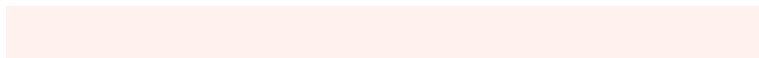
The Inverse Universe completely reimagines the original color for something new.



96, 6.470, 357.575



95, 7.887, 357.732



96, 5.094, 39.218



50, 5.623, 357.897



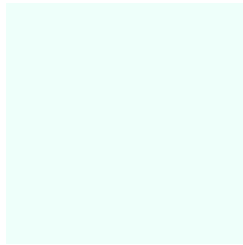
40, 71.236, 22.647



10, 31.528, 13.807

Previews

White Background



This preview shows how the CIELCh color 99, 6.990, 173.123 looks on a white background.

Color Contrast Check

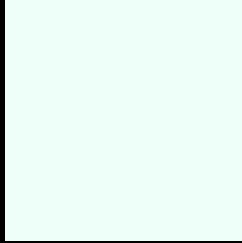
Large Text (above 18pt) WCAG AA × Fail

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 99, 6.990, 173.123 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

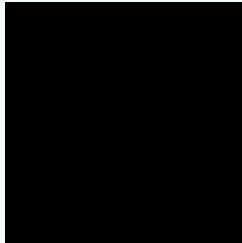
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 6.990, 173.123

Background



This preview shows how black text looks on a background with the CIELCh color 99, 6.990, 173.123.

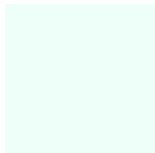


This preview shows how white text looks on a background with the CIELCh color 99, 6.990, 173.123.

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

99, 6.452, 175.842



Protanopia

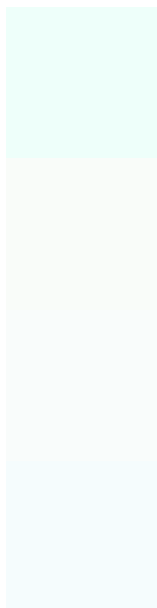
99, 2.022, 49.321

Deuteranopia

99, 1.838, 3.095

Tritanopia
99, 2.151, 271.552

Trichromacy



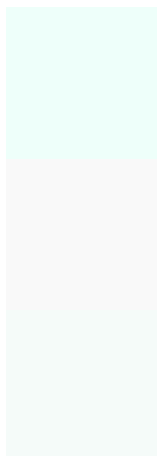
Original Color
99, 6.452, 175.842

Protanomaly
99, 1.855, 144.541

Deuteranomaly
99, 1.165, 174.059

Tritanomaly
98, 2.474, 211.412

Monochromacy



Original Color
99, 6.452, 175.842

Achromatopsia
98, 0.011, 296.813

Achromatomaly
98, 2.337, 173.711

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 6.990, 173.123 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(238, 255, 250)` looks like.

```
.text, #text, p{  
    color:rgb(238, 255, 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(238, 255, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 255, 250) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 6.990, 173.123 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(238, 255, 250) }
```

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

```
.border{ border-color:rgb(238, 255, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 255, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 255, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 255, 250);  
box-shadow:4px 4px 4px 4px rgb(238, 255,  
250) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 6.990, 173.123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 255, 250) }
```

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

```
.background{ background-color: rgb(238,  
255, 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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