

Converting Colors

CIELCh(99, 9.934, 139.513)

Have a look what the booklet for
CIELCh(99, 9.934, 139.513) contains.

CIELCh(99, 9.380, 138.921)	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, 9.380, 138.921)

Conversions

Conversions Part 1

Format	Color
Hex	F3FFF0
RGB	243, 255, 240
RGB Percent	95%, 100%, 94%
CMY	0.0474, 0.0000, 0.0592
CMYK	0.05, 0.00, 0.06, 0.00
HSL	108°, 100%, 97%
HSV	108°, 6%, 100%
XYZ	88.7032, 97.4360, 96.5018
YIQ	249.7020, -2.3370, -7.2090

Conversions

Conversions Part 2

Format	Color
R_{YB}	240, 255, 252
Decimal	15990768
CIE _{Lab}	99.00, -7.07, 6.16
CIE _{LCh}	99, 9.380, 138.921
Yxy	97.4360, 0.3138, 0.3447
Android (android.graphics.Color)	4294180848 (0xFFFF3FFF0)
YUV	249.7020, -4.7831, -5.8777
Hunter-Lab	98.7097, -12.3370, 11.1329

Details

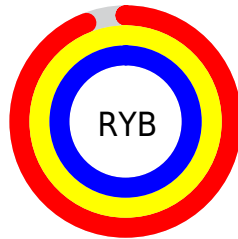
The CIELCh color **99, 9.380, 138.921** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **96, 8.855, 319.075**, and the grayscale version is **98, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **79, 8.543, 138.091** is the 20% darker color. If you saturate the color by 10%, you get **97, 23.833, 138.073**, and if you desaturate by 10%, it is **100, 0.012, 296.813**.

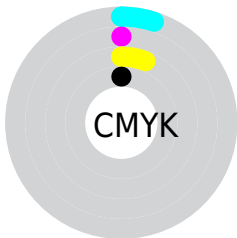
Distribution



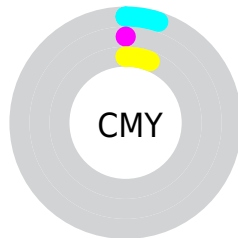
- Red (95%)
- Green (100%)
- Blue (94%)



- Red (94%)
- Yellow (100%)
- Blue (99%)



- Cyan (5%)
- Magenta (0%)
- Yellow (6%)
- Black (0%)



- Cyan (5%)
- Magenta (0%)
- Yellow (6%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 9.380, 138.921 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, 9.380, 138.921 by changing the saturation by 10% instead.

 99, 9.380, 138.921

 99, 9.380, 138.921

 100, 9.380,
138.921

 89, 9.380, 138.921

 79, 9.380, 138.921

 69, 9.380, 138.921


 59, 9.380, 138.921

 49, 9.380, 138.921

 39, 9.380, 138.921

 29, 9.380, 138.921

 19, 9.380, 138.921

 9, 9.380, 138.921

99, 9.380, 138.921

99, 9.380, 138.921

97, 23.833,
138.073

100, 0.012,
296.813

95, 38.867,
137.491

93, 53.715,
136.850

92, 68.104,
136.167

91, 81.666,
135.483

90, 93.908,
134.874

89, 104.213,
134.453

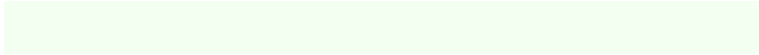
89, 111.928,
134.355

■ 88, 116.638,
134.667

Harmonies

Complementary

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



99, 9.380, 138.921



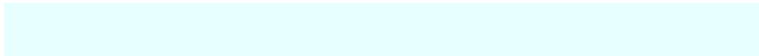
96, 8.855, 319.075

Rectangle

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



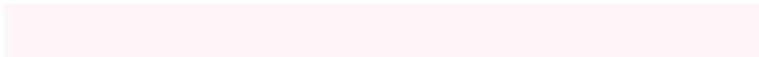
99, 9.380, 138.921



99, 9.380, 188.921



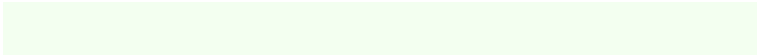
99, 9.380, 318.921



99, 9.380, 8.921

Sweetspot

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



99, 8.811, 138.600



100, 2.964, 138.837



99, 6.204, 99.701



53, 1.685, 138.846



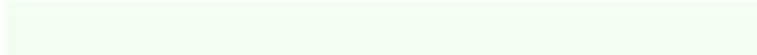
0, 0.000, 0.000



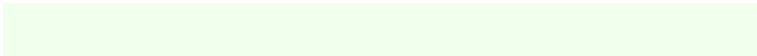
53, 0.007, 296.813

Same Dimension

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



99, 8.811, 138.600



99, 10.434, 138.544



99, 7.581, 153.929



52, 6.783, 138.512



68, 94.762, 134.687



23, 42.258, 133.981

Inverse Universe

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



96, 8.855, 319.075



95, 10.487, 319.128



96, 7.616, 334.637



50, 6.818, 319.157



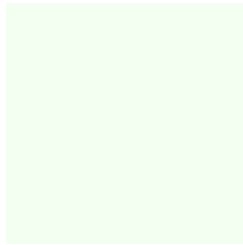
39, 94.849, 320.722



10, 43.489, 321.573

Previews

White Background



This preview shows how the CIELCh color 99, 9.380, 138.921 looks on a white background.

Color Contrast Check

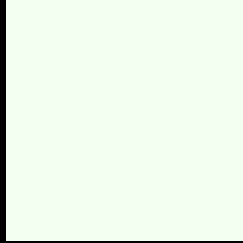
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 99, 9.380, 138.921 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

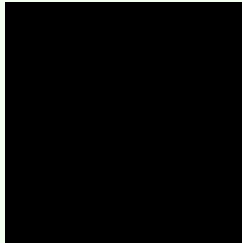
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

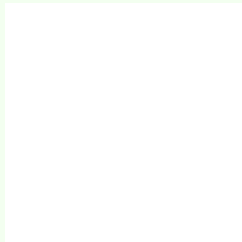
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 99, 9.380, 138.921

Background



This preview shows how black text looks on a background with the CIELCh color 99, 9.380, 138.921.



This preview shows how white text looks on a background with the CIELCh color 99, 9.380, 138.921.

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, 8.758, 138.572

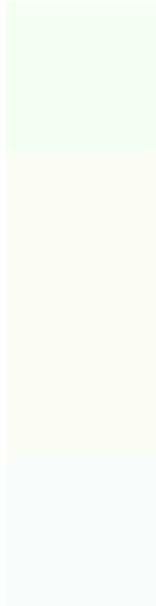


Protanopia
99, 3.341, 84.820

Deuteranopia
99, 1.759, 19.148

Tritanopia
99, 2.047, 290.368

Trichromacy



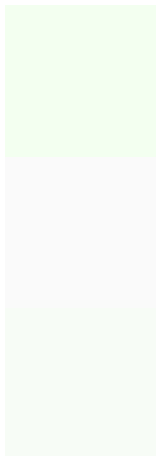
Original Color
99, 8.758, 138.572

Protanomaly
99, 4.581, 114.253

Deuteranomaly
99, 3.063, 116.534

Tritanomaly
99, 1.733, 163.799

Monochromacy



Original Color
99, 8.758, 138.572

Achromatopsia
98, 0.011, 296.813

Achromatomaly
98, 3.532, 139.763

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 9.380, 138.921 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(243, 255, 240)` looks like.

```
.text, #text, p{  
    color:rgb(243, 255, 240)  
}
```

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(243, 255, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 255, 240) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 9.380, 138.921 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(243, 255, 240) }
```

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

```
.border{ border-color:rgb(243, 255, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 255, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 255, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 255, 240);  
box-shadow:4px 4px 4px 4px rgb(243, 255,  
240) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 9.380, 138.921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 255, 240) }
```

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

```
.background{ background-color: rgb(243,  
255, 240) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor