

Converting Colors

CIELCh(99, 8.459, 139.963)

Have a look what the booklet for
CIELCh(99, 8.459, 139.963) contains.

CIELCh(99, 8.137, 138.167)	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, 8.137, 138.167)

Conversions

Conversions Part 1

Format	Color
Hex	F4FFF1
RGB	244, 255, 241
RGB Percent	96%, 100%, 95%
CMY	0.0417, 0.0000, 0.0534
CMYK	0.04, 0.00, 0.05, 0.00
HSL	107°, 100%, 97%
HSV	107°, 5%, 100%
XYZ	89.2533, 97.4360, 97.6160
YIQ	250.1150, -2.0620, -6.6860

Conversions

Conversions Part 2

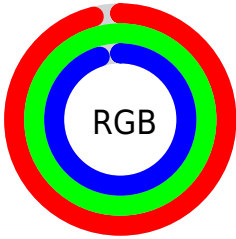
Format	Color
R_{YB}	241, 255, 252
Decimal	16056305
CIE _{Lab}	99.00, -6.06, 5.43
CIE _{LCh}	99, 8.137, 138.167
Yxy	97.4360, 0.3139, 0.3427
Android (android.graphics.Color)	4294246385 (0xFFFF4FFF1)
YUV	250.1150, -4.4937, -5.3629
Hunter-Lab	98.7097, -11.3423, 10.4637

Details

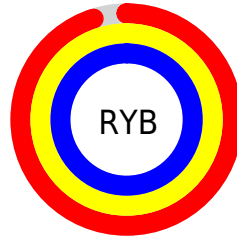
The CIELCh color **99, 8.137, 138.167** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **96, 7.944, 318.405**, and the grayscale version is **98, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **79, 7.891, 137.620** is the 20% darker color. If you saturate the color by 10%, you get **97, 22.820, 137.480**, and if you desaturate by 10%, it is **100, 0.012, 296.813**.

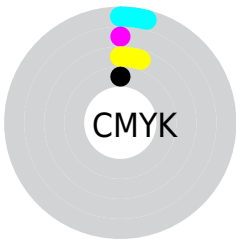
Distribution



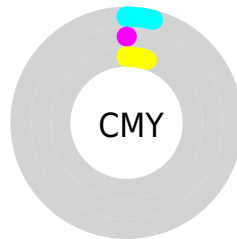
- Red (96%)
- Green (100%)
- Blue (95%)



- Red (95%)
- Yellow (100%)
- Blue (99%)



- Cyan (4%)
- Magenta (0%)
- Yellow (5%)
- Black (0%)



- Cyan (4%)
- Magenta (0%)
- Yellow (5%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 8.137, 138.167 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, 8.137, 138.167 by changing the saturation by 10% instead.

 99, 8.137, 138.167

 99, 8.137, 138.167

 100, 8.137,
138.167

 89, 8.137, 138.167

 79, 8.137, 138.167

 69, 8.137, 138.167

 59, 8.137, 138.167

 49, 8.137, 138.167

 39, 8.137, 138.167

 29, 8.137, 138.167

 19, 8.137, 138.167

 9, 8.137, 138.167

99, 8.137, 138.167

99, 8.137, 138.167

97, 22.820,
137.480

100, 0.012,
296.813

95, 37.757,
136.918

94, 52.525,
136.300

92, 66.864,
135.646

91, 80.421,
134.997

90, 92.718,
134.426

89, 103.149,
134.046

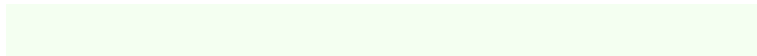
89, 111.062,
133.991

■ 88, 116.019,
134.352

Harmonies

Complementary

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



99, 8.137, 138.167



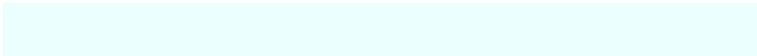
96, 7.944, 318.405

Rectangle

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



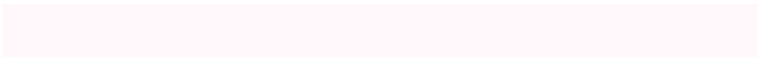
99, 8.137, 138.167



99, 8.137, 188.167



99, 8.137, 318.167



99, 8.137, 8.167

Sweetspot

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



99, 7.903, 137.995



100, 2.945, 138.198



99, 5.405, 97.666



53, 1.674, 138.207



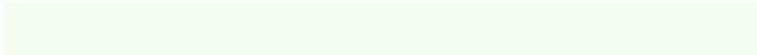
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



99, 7.903, 137.995



99, 8.880, 137.961



99, 7.012, 152.670



53, 5.893, 137.928



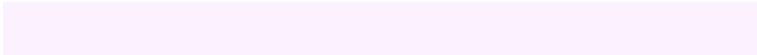
68, 94.439, 134.424



23, 42.076, 133.629

Inverse Universe

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



96, 7.944, 318.405



96, 8.927, 318.437



97, 7.042, 333.270



51, 5.925, 318.468



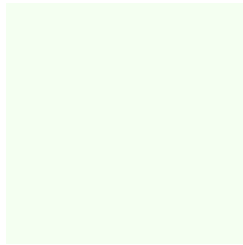
38, 95.154, 319.982



9, 43.602, 320.907

Previews

White Background



This preview shows how the CIE LCh color 99, 8.137, 138.167 looks on a white background.

Color Contrast Check

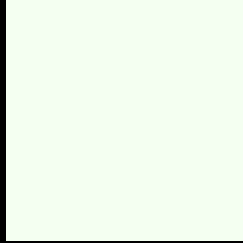
Large Text (above 18pt) WCAG AA × Fail

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, 8.137, 138.167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

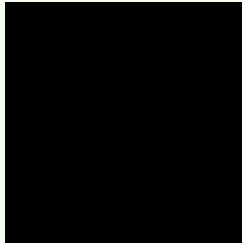
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

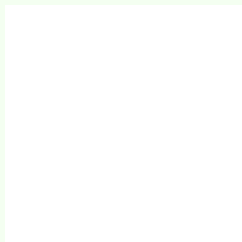
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 99, 8.137, 138.167

Background



This preview shows how black text looks on a background with the CIELCh color 99, 8.137, 138.167.

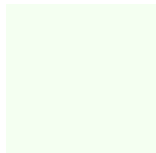


This preview shows how white text looks on a background with the CIELCh color 99, 8.137, 138.167.

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, 8.137, 138.167



Protanopia

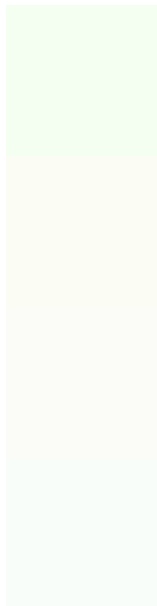
99, 2.888, 80.608

Deuteranopia

99, 1.406, 19.030

Tritanopia
99, 1.571, 277.558

Trichromacy



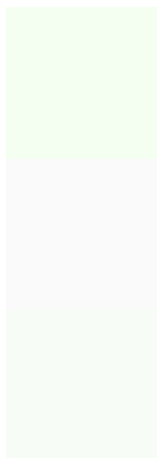
Original Color
99, 8.137, 138.167

Protanomaly
99, 4.075, 114.834

Deuteranomaly
99, 2.057, 119.829

Tritanomaly
99, 2.075, 152.423

Monochromacy



Original Color
99, 8.137, 138.167

Achromatopsia
98, 0.011, 296.813

Achromatomaly
99, 2.911, 138.809

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 8.137, 138.167 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(244, 255, 241)` looks like.

```
.text, #text, p{  
    color:rgb(244, 255, 241)  
}
```

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(244, 255, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 255, 241) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 8.137, 138.167 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(244, 255, 241) }
```

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

```
.border{ border-color:rgb(244, 255, 241) }
```

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

Here you see how a box with a 4 pixel rgb(244, 255, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 255, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 255, 241);  
box-shadow:4px 4px 4px 4px rgb(244, 255,  
241) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 8.137, 138.167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 255, 241) }
```

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

```
.background{ background-color: rgb(244,  
255, 241) }
```

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