

Converting Colors

CIELCh(99, 8.803, 137.063)

Have a look what the booklet for
CIELCh(99, 8.803, 137.063) contains.

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Color

CIELCh(99, 8.588, 136.551)

Conversions

Conversions Part 1

Format	Color
Hex	F4FFF0
RGB	244, 255, 240
RGB Percent	96%, 100%, 94%
CMY	0.0414, 0.0000, 0.0571
CMYK	0.04, 0.00, 0.06, 0.00
HSL	104°, 100%, 97%
HSV	104°, 6%, 100%
XYZ	89.1592, 97.4360, 96.8904
YIQ	250.0010, -1.7410, -6.9970

Conversions

Conversions Part 2

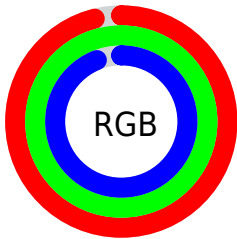
Format	Color
R_{YB}	240, 255, 251
Decimal	16056304
CIE _{Lab}	99.00, -6.23, 5.91
CIE _{LCh}	99, 8.588, 136.551
Y _{xy}	97.4360, 0.3145, 0.3437
Android (android.graphics.Color)	4294246384 (0xFFFF4FFF0)
YUV	250.0010, -4.9305, -5.2629
Hunter-Lab	98.7097, -11.5123, 10.8995

Details

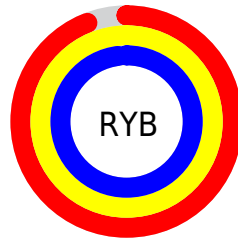
The CIELCh color **99, 8.588, 136.551** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **96, 8.364, 316.737**, and the grayscale version is **98, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **79, 8.366, 135.906** is the 20% darker color. If you saturate the color by 10%, you get **97, 22.986, 135.814**, and if you desaturate by 10%, it is **100, 0.012, 296.813**.

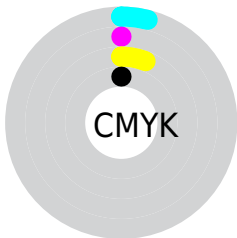
Distribution



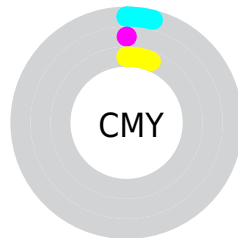
- Red (96%)
- Green (100%)
- Blue (94%)



- Red (94%)
- Yellow (100%)
- Blue (98%)



- Cyan (4%)
- Magenta (0%)
- Yellow (6%)
- Black (0%)



- Cyan (4%)
- Magenta (0%)
- Yellow (6%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 8.588, 136.551 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, 8.588, 136.551 by changing the saturation by 10% instead.

 99, 8.588, 136.551

 99, 8.588, 136.551

 100, 8.588,
136.551

 89, 8.588, 136.551

 79, 8.588, 136.551

 69, 8.588, 136.551

 59, 8.588, 136.551

 49, 8.588, 136.551

 39, 8.588, 136.551

 29, 8.588, 136.551

 19, 8.588, 136.551

 9, 8.588, 136.551

99, 8.588, 136.551

99, 8.588, 136.551

97, 22.986,
135.814

100, 0.012,
296.813

95, 37.665,
135.283

94, 52.175,
134.711


93, 66.269,
134.120

91, 79.610,
133.555

90, 91.734,
133.095

90, 102.046,
132.854

89, 109.905,
132.965

 89,114.893,
133.516

Harmonies

Complementary

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



99, 8.588, 136.551



96, 8.364, 316.737

Rectangle

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



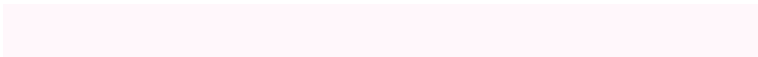
99, 8.588, 136.551



99, 8.588, 186.551



99, 8.588, 316.551



99, 8.588, 6.551

Sweetspot

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



99, 8.313, 136.305



100, 2.899, 136.517



99, 5.481, 94.184



53, 1.648, 136.525



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, 8.313, 136.305



99, 10.203, 136.241



99, 7.773, 150.796



53, 6.632, 136.212



68, 93.473, 133.618



23, 41.571, 132.606

Inverse Universe

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



96, 8.364, 316.737



95, 10.269, 316.797



96, 7.801, 331.430



50, 6.677, 316.825



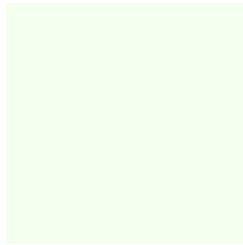
36, 96.025, 318.147



9, 43.927, 319.244

Previews

White Background



This preview shows how the CIELCh color 99, 8.588, 136.551 looks on a white background.

Color Contrast Check

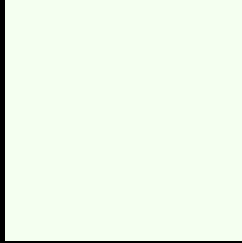
Large Text (above 18pt) WCAG AA × Fail

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, 8.588, 136.551 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

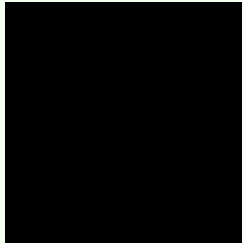
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

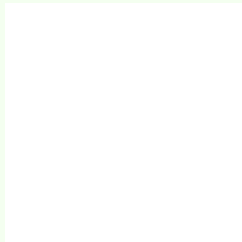
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 99, 8.588, 136.551

Background



This preview shows how black text looks on a background with the CIELCh color 99, 8.588, 136.551.

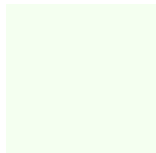


This preview shows how white text looks on a background with the CIELCh color 99, 8.588, 136.551.

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, 8.588, 136.551



Protanopia

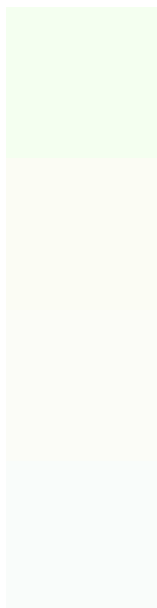
99, 2.888, 80.608

Deuteranopia

99, 1.406, 19.030

Tritanopia
99, 2.047, 290.368

Trichromacy



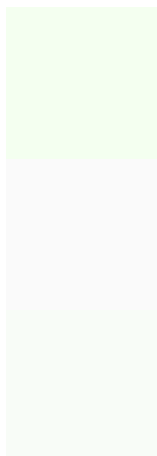
Original Color
99, 8.588, 136.551

Protanomaly
99, 4.075, 114.834

Deuteranomaly
99, 2.559, 117.865

Tritanomaly
99, 1.463, 155.866

Monochromacy



Original Color
99, 8.588, 136.551

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, 8.588, 136.551 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, 240)` looks like.

```
.text, #text, p{  
    color:rgb(244, 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(244, 255, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 255, 240) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 8.588, 136.551 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, 240) }
```

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

```
.border{ border-color:rgb(244, 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(244, 255, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 255, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 255, 240);  
box-shadow:4px 4px 4px 4px rgb(244, 255,  
240) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 8.588, 136.551 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, 240) }
```

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

```
.background{ background-color: rgb(244,  
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](#).

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