

Converting Colors

CIELCh(100, 11.623, 153.115)

Have a look what the booklet for
CIELCh(100, 11.623, 153.115)
contains.

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Color

CIELCh(99, 8.221, 156.072)

Conversions

Conversions Part 1

Format	Color
Hex	EFFFF5
RGB	239, 255, 245
RGB Percent	94%, 100%, 96%
CMY	0.0613, 0.0000, 0.0378
CMYK	0.06, 0.00, 0.04, 0.00
HSL	143°, 100%, 97%
HSV	143°, 6%, 100%
XYZ	88.4618, 97.4360, 100.8285
YIQ	249.0760, -6.3260, -6.5020

Conversions

Conversions Part 2

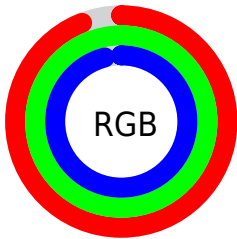
Format	Color
R_{YB}	239, 251, 255
Decimal	15728629
CIE _{Lab}	99.00, -7.51, 3.33
CIE _{LCh}	99, 8.221, 156.072
Yxy	97.4360, 0.3085, 0.3398
Android (android.graphics.Color)	4293918709 (0xFFEFFFF5)
YUV	249.0760, -2.0095, -8.8367
Hunter-Lab	98.7097, -12.7736, 8.5341

Details

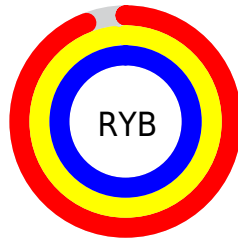
The CIELCh color **99, 8.221, 156.072** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **96, 7.431, 338.298**, and the grayscale version is **98, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **79, 7.351, 158.110** is the 20% darker color. If you saturate the color by 10%, you get **97, 19.498, 156.638**, and if you desaturate by 10%, it is **100, 0.012, 296.813**.

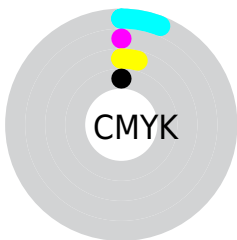
Distribution



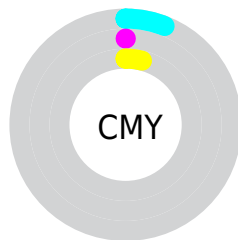
- Red (94%)
- Green (100%)
- Blue (96%)



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



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



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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 8.221, 156.072 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, 8.221, 156.072 by changing the saturation by 10% instead.

 99, 8.221, 156.072

 99, 8.221, 156.072

 100, 8.221,
156.072

 89, 8.221, 156.072

 79, 8.221, 156.072

 69, 8.221, 156.072


 59, 8.221, 156.072

 49, 8.221, 156.072

 39, 8.221, 156.072

 29, 8.221, 156.072

 19, 8.221, 156.072

 9, 8.221, 156.072

99, 8.221, 156.072

99, 8.221, 156.072

97, 19.498,
156.638

100, 0.012,
296.813

95, 31.550,
155.691

93, 43.365,
154.617

92, 54.739,
153.387

91, 65.449,
151.979

90, 75.283,
150.372

89, 84.061,
148.557

89, 91.676,
146.549

■ 88, 98.110,
144.396

Harmonies

Complementary

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



99, 8.221, 156.072



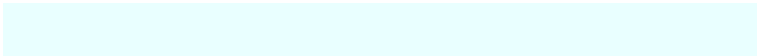
96, 7.431, 338.298

Rectangle

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



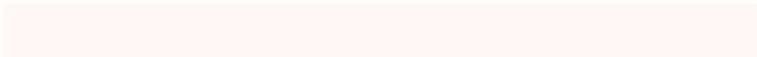
99, 8.221, 156.072



99, 8.221, 206.072



99, 8.221, 336.072



99, 8.221, 26.072

Sweetspot

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



99, 7.385, 157.501



100, 2.398, 157.937



99, 8.224, 124.597



53, 1.363, 157.954



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, 7.385, 157.501



98, 8.437, 157.425



99, 5.487, 189.423



52, 5.484, 157.374



68, 80.105, 143.979



23, 34.449, 147.082

Inverse Universe

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



96, 7.431, 338.298



95, 8.493, 338.371



96, 5.659, 10.206



50, 5.521, 338.421



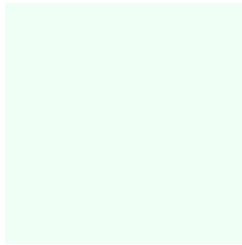
42, 70.874, 351.624



11, 33.410, 347.844

Previews

White Background



This preview shows how the CIELCh color 99, 8.221, 156.072 looks on a white background.

Color Contrast Check

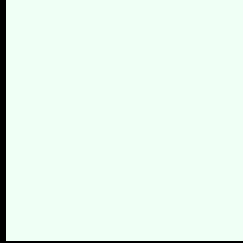
Large Text (above 18pt) WCAG AA × Fail

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, 8.221, 156.072 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

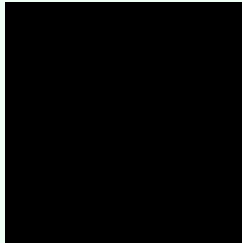
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

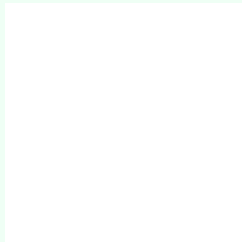
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 99, 8.221, 156.072

Background



This preview shows how black text looks on a background with the CIELCh color 99, 8.221, 156.072.



This preview shows how white text looks on a background with the CIELCh color 99, 8.221, 156.072.

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, 7.611, 157.076



Protanopia

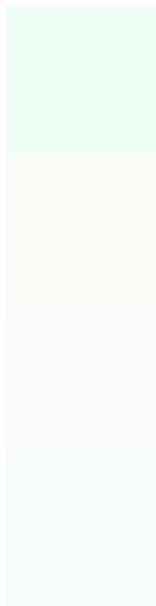
99, 2.675, 68.589

Deuteranopia

99, 1.759, 19.148

Tritanopia
99, 2.071, 280.717

Trichromacy



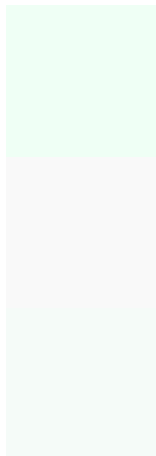
Original Color
99, 7.611, 157.076

Protanomaly
99, 3.231, 129.008

Deuteranomaly
99, 2.293, 137.328

Tritanomaly
99, 2.155, 185.907

Monochromacy



Original Color
99, 7.611, 157.076

Achromatopsia
98, 0.011, 296.813

Achromatomaly
98, 2.606, 163.640

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 8.221, 156.072 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(239, 255, 245)` looks like.

```
.text, #text, p{  
    color:rgb(239, 255, 245)  
}
```

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(239, 255, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 255, 245) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 8.221, 156.072 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(239, 255, 245) }
```

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

```
.border{ border-color:rgb(239, 255, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 255, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 255, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 255, 245);  
box-shadow:4px 4px 4px 4px rgb(239, 255,  
245) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 8.221, 156.072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 255, 245) }
```

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

```
.background{ background-color: rgb(239,  
255, 245) }
```

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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