

Converting Colors

CIELCh(99, 6.889, 150.244)

Have a look what the booklet for
CIELCh(99, 6.889, 150.244) contains.

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Color

CIELCh(99, 6.636, 149.153)

Conversions

Conversions Part 1

Format	Color
Hex	F3FFF5
RGB	243, 255, 245
RGB Percent	95%, 100%, 96%
CMY	0.0459, 0.0000, 0.0380
CMYK	0.05, 0.00, 0.04, 0.00
HSL	130°, 100%, 98%
HSV	130°, 5%, 100%
XYZ	89.4533, 97.4360, 100.7226
YIQ	250.2720, -3.9420, -5.6540

Conversions

Conversions Part 2

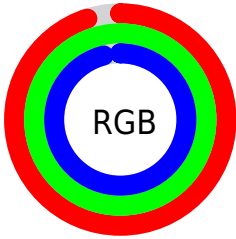
Format	Color
R_{YB}	243, 253, 255
Decimal	15990773
CIE _{Lab}	99.00, -5.70, 3.40
CIE _{LCh}	99, 6.636, 149.153
Y _{xy}	97.4360, 0.3110, 0.3388
Android (android.graphics.Color)	4294180853 (0xFFFF3FFF5)
YUV	250.2720, -2.5991, -6.3775
Hunter-Lab	98.7097, -10.9806, 8.5977

Details

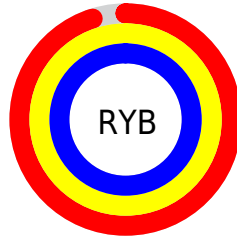
The CIELCh color 99, 6.636, 149.153 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 97, 6.469, 329.761, and the grayscale version is 98, 0.012, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 79, 6.316, 149.604 is the 20% darker color. If you saturate the color by 10%, you get 97, 20.642, 148.576, and if you desaturate by 10%, it is 100, 0.012, 296.813.

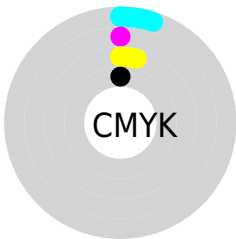
Distribution



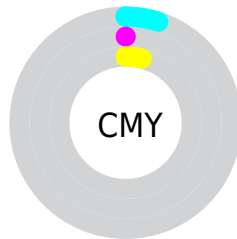
- Red (95%)
- Green (100%)
- Blue (96%)



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



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



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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 6.636, 149.153 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, 6.636, 149.153 by changing the saturation by 10% instead.

 99, 6.636, 149.153

 99, 6.636, 149.153

 100, 6.636,
149.153

 89, 6.636, 149.153

 79, 6.636, 149.153

 69, 6.636, 149.153

 59, 6.636, 149.153

 49, 6.636, 149.153

 39, 6.636, 149.153

 29, 6.636, 149.153

 19, 6.636, 149.153

 9, 6.636, 149.153

99, 6.636, 149.153

99, 6.636, 149.153

97, 20.642,
148.576

100, 0.012,
296.813

95, 34.865,
147.759

93, 48.904,
146.813

92, 62.498,
145.718

90, 75.336,
144.464

89, 87.079,
143.056

89, 97.379,
141.525

88, 105.902,
139.941

■ 88,112.370,
138.415

Harmonies

Complementary

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



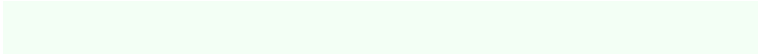
99, 6.636, 149.153



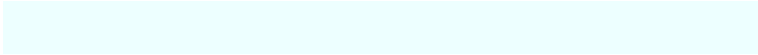
97, 6.469, 329.761

Rectangle

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



99, 6.636, 149.153



99, 6.636, 199.153



99, 6.636, 329.153



99, 6.636, 19.153

Sweetspot

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



99, 6.446, 149.309



100, 1.394, 149.736



100, 5.967, 116.376



53, 0.792, 149.753



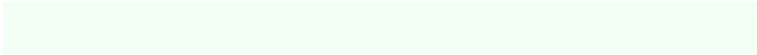
0, 0.000, 0.000



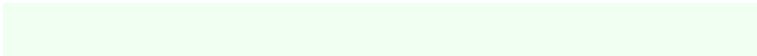
53, 0.007, 296.813

Same Dimension

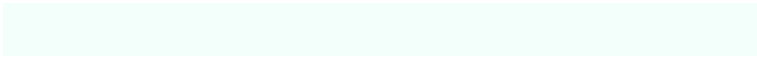
The Same Dimension uses a secret algorithm to generate beautiful new colors.



99, 6.446, 149.309



99, 8.445, 149.204



99, 4.544, 173.396



52, 5.605, 149.156



68, 92.066, 137.953



23, 40.118, 140.255

Inverse Universe

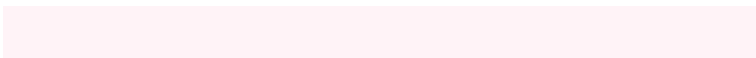
The Inverse Universe completely reimagines the original color for something new.



97, 6.469, 329.761



96, 8.472, 329.861



97, 4.607, 353.995



51, 5.622, 329.905



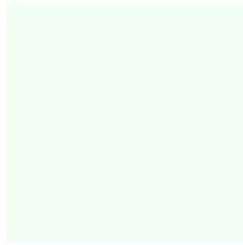
44, 81.435, 336.468



12, 38.059, 335.310

Previews

White Background



This preview shows how the CIELCh color 99, 6.636, 149.153 looks on a white background.

Color Contrast Check

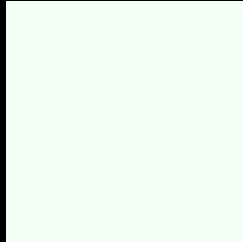
Large Text (above 18pt) WCAG AA × Fail

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, 6.636, 149.153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

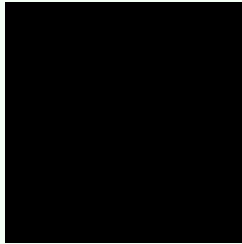
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 6.636, 149.153

Background



This preview shows how black text looks on a background with the CIELCh color 99, 6.636, 149.153.

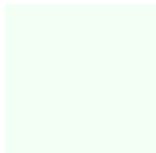


This preview shows how white text looks on a background with the CIELCh color 99, 6.636, 149.153.

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, 6.636, 149.153



Protanopia

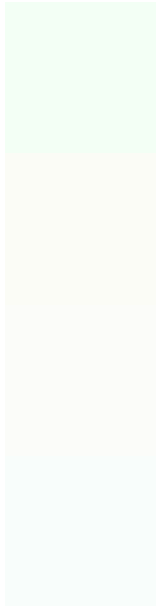
99, 2.456, 74.858

Deuteranopia

99, 1.406, 19.030

Tritanopia
99, 1.571, 277.558

Trichromacy



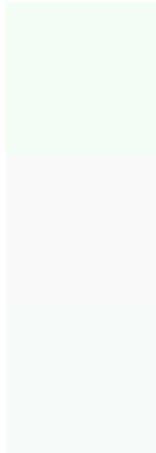
Original Color
99, 6.636, 149.153

Protanomaly
99, 3.063, 116.534

Deuteranomaly
99, 1.558, 123.031

Tritanomaly
99, 2.026, 169.501

Monochromacy



Original Color
99, 6.636, 149.153

Achromatopsia
98, 0.011, 296.813

Achromatomaly
99, 2.477, 144.477

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 6.636, 149.153 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, 245)` looks like.

```
.text, #text, p{  
    color:rgb(243, 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(243, 255, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 255, 245) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 6.636, 149.153 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, 245) }
```

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

```
.border{ border-color:rgb(243, 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(243, 255, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 255, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 255, 245);  
box-shadow:4px 4px 4px 4px rgb(243, 255,  
245) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 6.636, 149.153 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, 245) }
```

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

```
.background{ background-color: rgb(243,  
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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