

Converting Colors

CIELCh(99, 7.970, 153.928)

Have a look what the booklet for
CIELCh(99, 7.970, 153.928) contains.

CIELCh(99, 7.355, 155.302)	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, 7.355, 155.302)

Conversions

Conversions Part 1

Format	Color
Hex	F1FFF6
RGB	241, 255, 246
RGB Percent	95%, 100%, 96%
CMY	0.0553, 0.0000, 0.0357
CMYK	0.06, 0.00, 0.04, 0.00
HSL	141°, 100%, 97%
HSV	141°, 6%, 100%
XYZ	88.9150, 97.4360, 101.2342
YIQ	249.7880, -5.4550, -5.7670

Conversions

Conversions Part 2

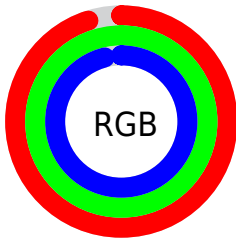
Format	Color
R _Y B	241, 251, 255
Decimal	15859702
CIE Lab	99.00, -6.68, 3.07
CIE LCh	99, 7.355, 155.302
Yxy	97.4360, 0.3092, 0.3388
Android (android.graphics.Color)	4294049782 (0xFFFF1FFF6)
YUV	249.7880, -1.8675, -7.7071
Hunter-Lab	98.7097, -11.9541, 8.2904

Details

The CIELCh color 99, 7.355, 155.302 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 96, 6.838, 336.932, 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, 6.440, 157.492 is the 20% darker color. If you saturate the color by 10%, you get 97, 19.185, 155.415, and if you desaturate by 10%, it is 100, 0.012, 296.813.

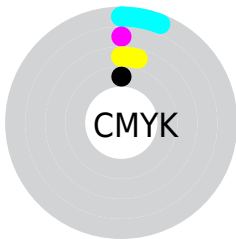
Distribution



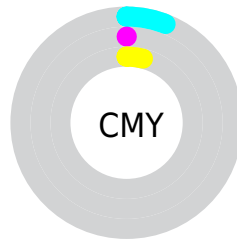
- Red (95%)
- Green (100%)
- Blue (96%)



- Red (95%)
- 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, 7.355, 155.302 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, 7.355, 155.302 by changing the saturation by 10% instead.

 99, 7.355, 155.302

 99, 7.355, 155.302

 100, 7.355,
155.302

 89, 7.355, 155.302

 79, 7.355, 155.302

 69, 7.355, 155.302

 59, 7.355, 155.302

 49, 7.355, 155.302

 39, 7.355, 155.302

 29, 7.355, 155.302

 19, 7.355, 155.302

 9, 7.355, 155.302

99, 7.355, 155.302

99, 7.355, 155.302

97, 19.185,
155.415

100, 0.012,
296.813

95, 31.531,
154.493

93, 43.661,
153.443

92, 55.363,
152.238

91, 66.411,
150.855

90, 76.575,
149.277

89, 85.663,
147.497

89, 93.540,
145.531

■ 88, 100.164,
143.434

Harmonies

Complementary

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



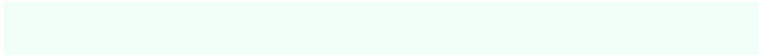
99, 7.355, 155.302



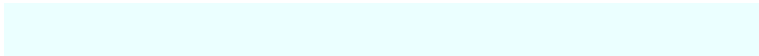
96, 6.838, 336.932

Rectangle

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



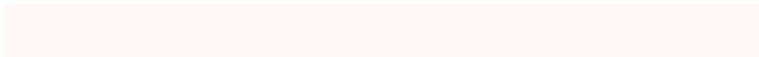
99, 7.355, 155.302



99, 7.355, 205.302



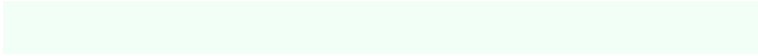
99, 7.355, 335.302



99, 7.355, 25.302

Sweetspot

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



99, 6.800, 156.257



100, 2.450, 156.628



99, 7.370, 123.386



53, 1.393, 156.644



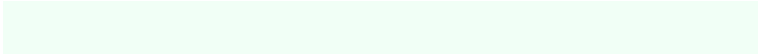
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



99, 6.800, 156.257



98, 8.621, 156.132



99, 5.006, 186.794



52, 5.603, 156.082



68, 82.059, 142.903



23, 35.300, 145.943

Inverse Universe

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



96, 6.838, 336.932



95, 8.671, 337.054



96, 5.137, 7.502



50, 5.637, 337.102



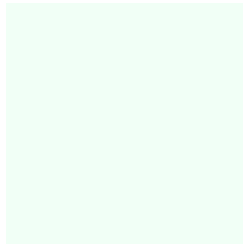
42, 71.939, 349.203



11, 33.926, 345.857

Previews

White Background



This preview shows how the CIELCh color 99, 7.355, 155.302 looks on a white background.

Color Contrast Check

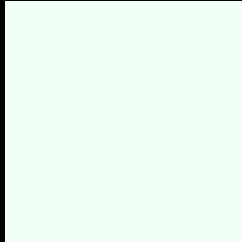
Large Text (above 18pt) WCAG AA × Fail

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, 7.355, 155.302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

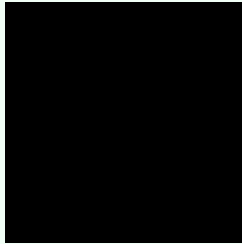
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 7.355, 155.302

Background



This preview shows how black text looks on a background with the CIELCh color 99, 7.355, 155.302.

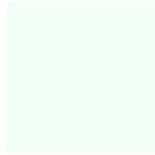


This preview shows how white text looks on a background with the CIELCh color 99, 7.355, 155.302.

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, 6.744, 156.355

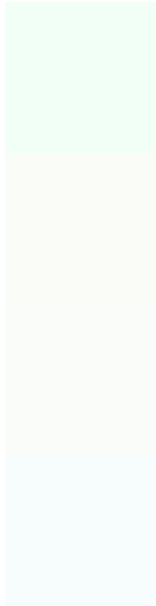


Protanopia
99, 2.456, 74.858

Deuteranopia
99, 1.838, 3.095

Tritanopia
99, 2.071, 280.717

Trichromacy



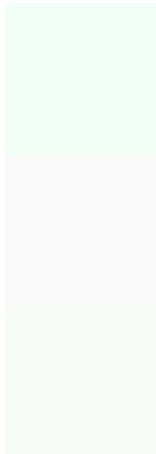
Original Color
99, 6.744, 156.355

Protanomaly
99, 2.635, 125.443

Deuteranomaly
99, 1.677, 134.742

Tritanomaly
99, 1.739, 199.672

Monochromacy



Original Color
99, 6.744, 156.355

Achromatopsia
98, 0.011, 296.813

Achromatomaly
99, 2.330, 158.674

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 7.355, 155.302 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(241, 255, 246)` looks like.

```
.text, #text, p{  
    color:rgb(241, 255, 246)  
}
```

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(241, 255, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 255, 246) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 7.355, 155.302 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(241, 255, 246) }
```

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

```
.border{ border-color:rgb(241, 255, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 255, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 255, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 255, 246);  
box-shadow:4px 4px 4px 4px rgb(241, 255,  
246) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 7.355, 155.302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 255, 246) }
```

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

```
.background{ background-color: rgb(241,  
255, 246) }
```

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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