

Converting Colors

CIELCh(99, 4.733, 173.374)

Have a look what the booklet for
CIELCh(99, 4.733, 173.374) contains.

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Color

CIELCh(99, 4.663, 173.382)

Conversions

Conversions Part 1

Format	Color
Hex	F3FFFB
RGB	243, 255, 251
RGB Percent	95%, 100%, 98%
CMY	0.0475, 0.0004, 0.0161
CMYK	0.05, 0.00, 0.02, 0.00
HSL	160°, 98%, 98%
HSV	160°, 5%, 100%
XYZ	90.0380, 97.4360, 105.2310
YIQ	250.9560, -5.8680, -3.7880

Conversions

Conversions Part 2

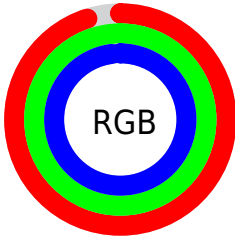
Format	Color
R_{YB}	243, 250, 255
Decimal	15990779
CIE _{Lab}	99.00, -4.63, 0.54
CIE _{LCh}	99, 4.663, 173.382
Y _{xy}	97.4360, 0.3076, 0.3329
Android (android.graphics.Color)	4294180859 (0xFFFF3FFFB)
YUV	250.9560, 0.0217, -6.9774
Hunter-Lab	98.7097, -9.9232, 5.8898

Details

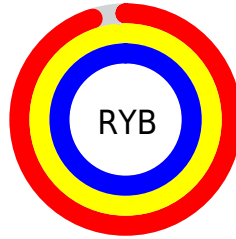
The CIELCh color 99, 4.663, 173.382 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 97, 4.731, 353.995, and the grayscale version is 99, 0.012, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 79, 4.330, 177.486 is the 20% darker color. If you saturate the color by 10%, you get 97, 14.496, 172.326, and if you desaturate by 10%, it is 100, 0.080, 320.577.

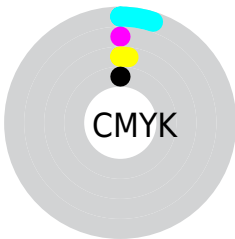
Distribution



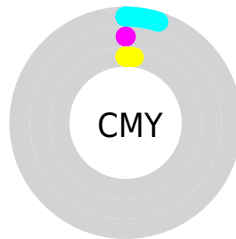
- Red (95%)
- Green (100%)
- Blue (98%)



- Red (95%)
- Yellow (98%)
- Blue (100%)



- Cyan (5%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)



- Cyan (5%)
- Magenta (0%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 4.663, 173.382 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, 4.663, 173.382 by changing the saturation by 10% instead.

 99, 4.663, 173.382

 99, 4.663, 173.382

 100, 4.663,
173.382

 89, 4.663, 173.382

 79, 4.663, 173.382

 69, 4.663, 173.382

 59, 4.663, 173.382

 49, 4.663, 173.382

 39, 4.663, 173.382

 29, 4.663, 173.382

 19, 4.663, 173.382

 9, 4.663, 173.382

99, 4.663, 173.382

99, 4.663, 173.382

97, 14.496,
172.326

100, 0.080,
320.577

95, 24.096,
171.270

94, 33.312,
170.126

93, 41.975,
168.867

92, 49.919,
167.467

91, 56.992,
165.900

90, 63.089,
164.142

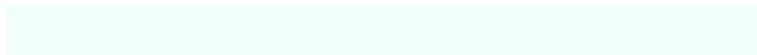
90, 68.175,
162.176

■ 89, 72.312,
160.004

Harmonies

Complementary

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



99, 4.663, 173.382



97, 4.731, 353.995

Rectangle

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



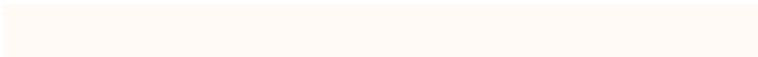
99, 4.663, 173.382



99, 4.663, 223.382



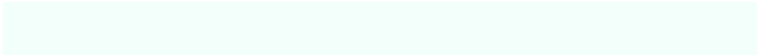
99, 4.663, 353.382



99, 4.663, 43.382

Sweetspot

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



99, 4.665, 173.367



100, 0.987, 174.152



99, 6.709, 133.964



53, 0.561, 174.186



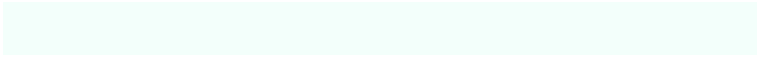
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

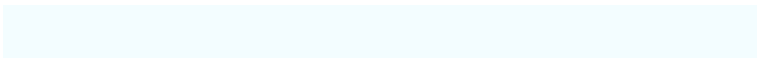
The Same Dimension uses a secret algorithm to generate beautiful new colors.



99, 4.665, 173.367



99, 5.945, 173.221



99, 3.625, 214.042



53, 3.942, 173.151



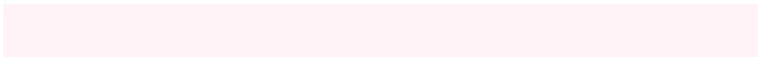
69, 59.385, 159.234



23, 25.982, 162.323

Inverse Universe

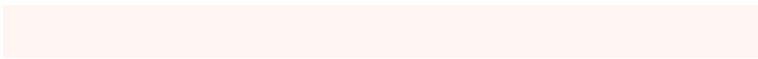
The Inverse Universe completely reimagines the original color for something new.



97, 4.731, 353.995



96, 6.044, 354.144



97, 3.733, 33.683



51, 4.014, 354.217



40, 69.650, 18.173



10, 31.346, 10.288

Previews

White Background



This preview shows how the CIE LCh color 99, 4.663, 173.382 looks on a white background.

Color Contrast Check

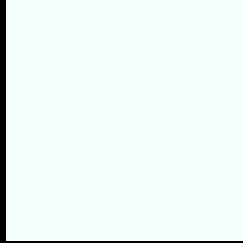
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 99, 4.663, 173.382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

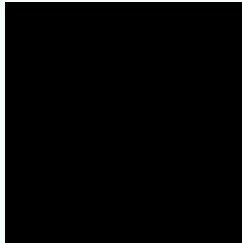
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 4.663, 173.382

Background



This preview shows how black text looks on a background with the CIELCh color 99, 4.663, 173.382.



This preview shows how white text looks on a background with the CIELCh color 99, 4.663, 173.382.

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

A vertical rectangular area divided into three colored sections: a light green top section, a light orange middle section, and a light pink bottom section. To the right of each section is text describing the color and its corresponding hex and RGB values.

Original Color

99, 4.663, 173.382

Protanopia

99, 1.487, 38.999

Deuteranopia

99, 1.502, 359.268

Tritanopia
99, 1.571, 277.558

Trichromacy



Original Color

99, 4.663, 173.382

Protanomaly

99, 1.069, 129.166

Deuteranomaly

99, 0.348, 201.271

Tritanomaly

99, 1.804, 216.069

Monochromacy



Original Color

99, 4.663, 173.382

Achromatopsia

99, 0.012, 296.813

Achromatomaly

99, 1.488, 179.768

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 4.663, 173.382 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, 251)` looks like.

```
.text, #text, p{  
    color:rgb(243, 255, 251)  
}
```

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, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 255, 251) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 4.663, 173.382 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, 251) }
```

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

```
.border{ border-color:rgb(243, 255, 251) }
```

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, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 255, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 255, 251);  
box-shadow:4px 4px 4px 4px rgb(243, 255,  
251) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 4.663, 173.382 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, 251) }
```

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

```
.background{ background-color: rgb(243,  
255, 251) }
```

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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