

Converting Colors

CIELCh(100, 5.912, 162.883)

Have a look what the booklet for
CIELCh(100, 5.912, 162.883)
contains.

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Color

CIELCh(99, 4.052, 169.199)

Conversions

Conversions Part 1

Format	Color
Hex	F4FEFA
RGB	244, 254, 250
RGB Percent	96%, 100%, 98%
CMY	0.0413, 0.0020, 0.0177
CMYK	0.04, 0.00, 0.02, 0.00
HSL	156°, 91%, 98%
HSV	156°, 4%, 100%
XYZ	90.3970, 97.4360, 104.8770
YIQ	250.5540, -4.6760, -3.3640

Conversions

Conversions Part 2

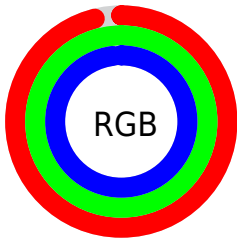
Format	Color
R _Y B	244, 250, 254
Decimal	16056058
CIE Lab	99.00, -3.98, 0.76
CIE LCh	99, 4.052, 169.199
Yxy	97.4360, 0.3088, 0.3329
Android (android.graphics.Color)	4294246138 (0xFFFF4FEFA)
YUV	250.5540, -0.2731, -5.7479
Hunter-Lab	98.7097, -9.2741, 6.1024

Details

The CIELCh color 99, 4.052, 169.199 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 97, 4.098, 349.623, 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, 3.671, 173.407 is the 20% darker color. If you saturate the color by 10%, you get 97, 14.348, 168.156, and if you desaturate by 10%, it is 100, 0.332, 323.521.

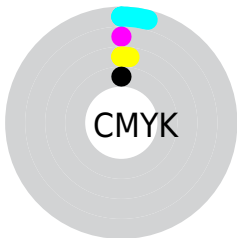
Distribution



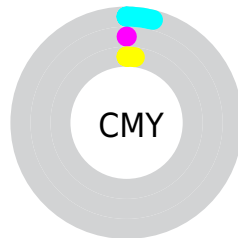
- Red (96%)
- Green (100%)
- Blue (98%)



- Red (96%)
- Yellow (98%)
- Blue (100%)



- Cyan (4%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)



- Cyan (4%)
- Magenta (0%)
- Yellow (2%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 4.052, 169.199 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, 4.052, 169.199 by changing the saturation by 10% instead.

 99, 4.052, 169.199

 99, 4.052, 169.199

 100, 4.052,
169.199

 89, 4.052, 169.199

 79, 4.052, 169.199

 69, 4.052, 169.199

 59, 4.052, 169.199

 49, 4.052, 169.199

 39, 4.052, 169.199

 29, 4.052, 169.199

 19, 4.052, 169.199

 9, 4.052, 169.199

99, 4.052, 169.199

99, 4.052, 169.199

97, 14.348,
168.156

100, 0.332,
323.521

95, 24.478,
167.117

94, 34.291,
165.980


92, 43.617,
164.717

91, 52.277,
163.301

90, 60.108,
161.706

90, 66.988,
159.908

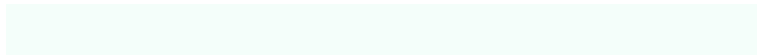
89, 72.862,
157.894

 89, 77.771,
155.672

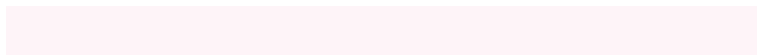
Harmonies

Complementary

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



99, 4.052, 169.199



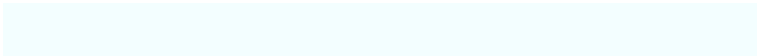
97, 4.098, 349.623

Rectangle

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



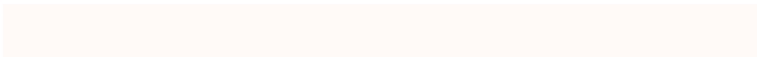
99, 4.052, 169.199



99, 4.052, 219.199



99, 4.052, 349.199



99, 4.052, 39.199

Sweetspot

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



99, 4.054, 169.184



100, 1.028, 169.829



99, 5.492, 131.793



53, 0.584, 169.860



0, 0.000, 0.000



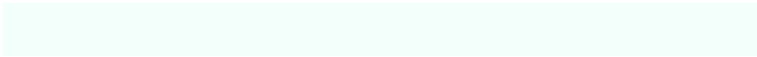
53, 0.007, 296.813

Same Dimension

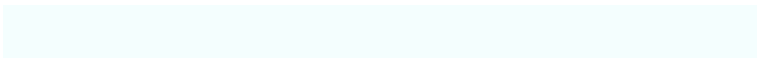
The Same Dimension uses a secret algorithm to generate beautiful new colors.



99, 4.054, 169.184



99, 5.168, 169.060



99, 3.193, 207.056



53, 3.526, 168.983



68, 64.341, 154.701



23, 27.949, 157.901

Inverse Universe

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



97, 4.098, 349.623



97, 5.230, 349.748



97, 3.274, 26.869



51, 3.572, 349.825



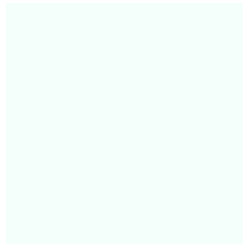
41, 68.323, 11.788



10, 31.301, 4.771

Previews

White Background



This preview shows how the CIElCh color 99, 4.052, 169.199 looks on a white background.

Color Contrast Check

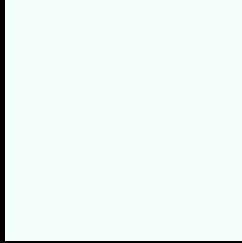
Large Text (above 18pt) WCAG AA × Fail

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, 4.052, 169.199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

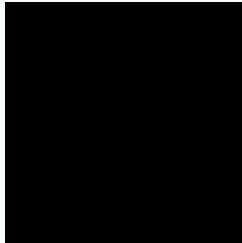
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 4.052, 169.199

Background



This preview shows how black text looks on a background with the CIELCh color 99, 4.052, 169.199.

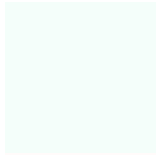


This preview shows how white text looks on a background with the CIELCh color 99, 4.052, 169.199.

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, 4.055, 169.197



Protanopia
99, 1.487, 38.999

Deuteranopia
99, 1.502, 359.268

Tritanopia
99, 1.571, 277.558

Trichromacy



Original Color

99, 4.055, 169.197

Protanomaly

99, 1.069, 129.166

Deuteranomaly

99, 0.611, 144.922

Tritanomaly

99, 1.391, 199.790

Monochromacy



Original Color

99, 4.055, 169.197

Achromatopsia

99, 0.012, 296.813

Achromatomaly

99, 1.165, 174.059

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 4.052, 169.199 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, 254, 250)` looks like.

```
.text, #text, p{  
    color:rgb(244, 254, 250)  
}
```

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, 254, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 254, 250) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 4.052, 169.199 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, 254, 250) }
```

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

```
.border{ border-color:rgb(244, 254, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 254, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 254, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 254, 250);  
box-shadow:4px 4px 4px 4px rgb(244, 254,  
250) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 4.052, 169.199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 254, 250) }
```

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

```
.background{ background-color: rgb(244,  
254, 250) }
```

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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