

Converting Colors

CIE LCh(99, 4.050, 151.293)

Have a look what the booklet for
CIELCh(99, 4.050, 151.293) contains.

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Color

CIELCh(99, 4.161, 152.227)

Conversions

Conversions Part 1

Format	Color
Hex	F6FEF8
RGB	246, 254, 248
RGB Percent	96%, 100%, 97%
CMY	0.0345, 0.0031, 0.0266
CMYK	0.03, 0.00, 0.02, 0.00
HSL	135°, 84%, 98%
HSV	135°, 3%, 100%
XYZ	90.5618, 97.4360, 103.0093
YIQ	250.9240, -2.8420, -3.5620

Conversions

Conversions Part 2

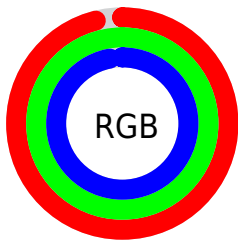
Format	Color
R_{YB}	246, 252, 254
Decimal	16187128
CIE Lab	99.00, -3.68, 1.94
CIE LCh	99, 4.161, 152.227
Yxy	97.4360, 0.3112, 0.3348
Android (android.graphics.Color)	4294377208 (0xFF6FEF8)
YUV	250.9240, -1.4415, -4.3183
Hunter-Lab	98.7097, -8.9761, 7.2242

Details

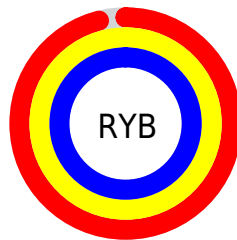
The CIELCh color 99, 4.161, 152.227 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 98, 4.186, 332.447, and the grayscale version is 99, 0.012, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 79, 3.723, 153.568 is the 20% darker color. If you saturate the color by 10%, you get 97, 17.513, 151.435, and if you desaturate by 10%, it is 100, 0.498, 323.837.

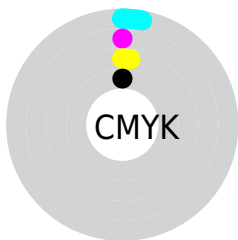
Distribution



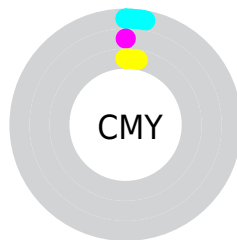
- Red (96%)
- Green (100%)
- Blue (97%)



- Red (96%)
- Yellow (99%)
- Blue (100%)



- Cyan (3%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)




- Cyan (3%)
- Magenta (0%)
- Yellow (3%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 4.161, 152.227 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, 4.161, 152.227 by changing the saturation by 10% instead.

 99, 4.161, 152.227

 99, 4.161, 152.227

 100, 4.161,
152.227

 89, 4.161, 152.227

 79, 4.161, 152.227

 69, 4.161, 152.227

 59, 4.161, 152.227

 49, 4.161, 152.227

 39, 4.161, 152.227

 29, 4.161, 152.227

 19, 4.161, 152.227

 9, 4.161, 152.227

99, 4.161, 152.227

99, 4.161, 152.227

97, 17.513,
151.435

100, 0.498,
323.837

95, 30.898,
150.599

93, 44.133,
149.637

92, 56.991,
148.526

90, 69.207,
147.246

89, 80.503,
145.787

89, 90.606,
144.157

88, 99.281,
142.389

■ 88, 106.355,
140.559

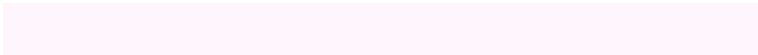
Harmonies

Complementary

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



99, 4.161, 152.227



98, 4.186, 332.447

Rectangle

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



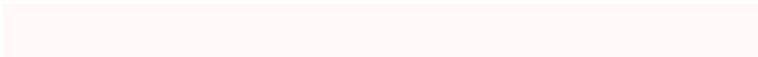
99, 4.161, 152.227



99, 4.161, 202.227



99, 4.161, 332.227



99, 4.161, 22.227

Sweetspot

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



99, 4.164, 152.223



100, 1.317, 152.566



99, 4.113, 119.080



53, 0.748, 152.584



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, 4.164, 152.223



99, 5.307, 152.146



99, 2.999, 178.219



53, 3.775, 152.083



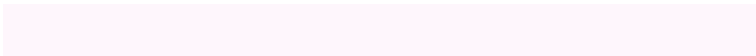
68, 88.356, 139.690



23, 38.196, 142.385

Inverse Universe

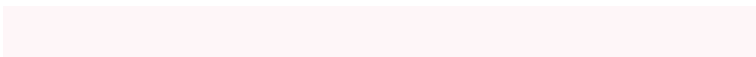
The Inverse Universe completely reimagines the original color for something new.



98, 4.186, 332.447



97, 5.332, 332.523



98, 3.039, 358.412



52, 3.791, 332.583



43, 76.855, 341.392



11, 36.125, 339.423

Previews

White Background



This preview shows how the CIElCh color 99, 4.161, 152.227 looks on a white background.

Color Contrast Check

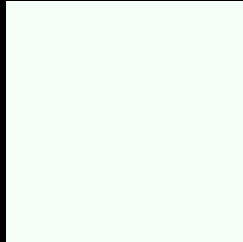
Large Text (above 18pt) WCAG AA × Fail

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, 4.161, 152.227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

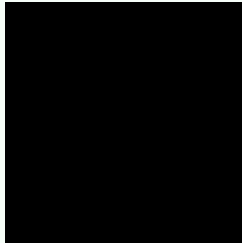
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 4.161, 152.227

Background



This preview shows how black text looks on a background with the CIELCh color 99, 4.161, 152.227.

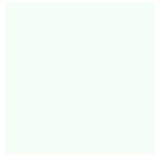


This preview shows how white text looks on a background with the CIELCh color 99, 4.161, 152.227.

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, 4.161, 152.227



Protanopia
99, 1.723, 55.170

Deuteranopia
99, 1.502, 359.268

Tritanopia
99, 1.537, 290.342

Trichromacy



Original Color

99, 4.161, 152.227

Protanomaly

99, 1.514, 110.013

Deuteranomaly

99, 0.497, 109.986

Tritanomaly

99, 1.044, 199.970

Monochromacy



Original Color

99, 4.161, 152.227

Achromatopsia

99, 0.012, 296.813

Achromatomaly

99, 1.463, 155.866

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 4.161, 152.227 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(246, 254, 248)` looks like.

```
.text, #text, p{  
    color:rgb(246, 254, 248)  
}
```

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(246, 254, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 254, 248) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 4.161, 152.227 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(246, 254, 248) }
```

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

```
.border{ border-color:rgb(246, 254, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 254, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 254, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 254, 248);  
box-shadow:4px 4px 4px 4px rgb(246, 254,  
248) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 4.161, 152.227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 254, 248) }
```

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

```
.background{ background-color: rgb(246,  
254, 248) }
```

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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