

Converting Colors

CIELCh(99, 0.743, 194.040)

Have a look what the booklet for
CIELCh(99, 0.743, 194.040) contains.

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Color

CIELCh(99, 1.164, 174.061)

Conversions

Conversions Part 1

Format	Color
Hex	FAFDFC
RGB	250, 253, 252
RGB Percent	98%, 99%, 99%
CMY	0.0203, 0.0086, 0.0125
CMYK	0.01, 0.00, 0.00, 0.01
HSL	160°, 41%, 99%
HSV	160°, 1%, 99%
XYZ	91.9626, 97.4360, 105.8981
YIQ	251.9890, -1.4670, -0.9470

Conversions

Conversions Part 2

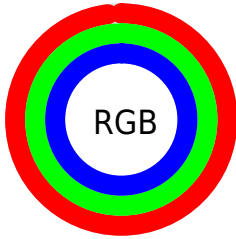
Format	Color
R _Y B	250, 252, 253
Decimal	16449020
CIE Lab	99.00, -1.16, 0.12
CIE LCh	99, 1.164, 174.061
Yxy	97.4360, 0.3114, 0.3300
Android (android.graphics.Color)	4294639100 (0xFFFAFD6C)
YUV	251.9890, 0.0054, -1.7444
Hunter-Lab	98.7097, -6.4429, 5.4891

Details

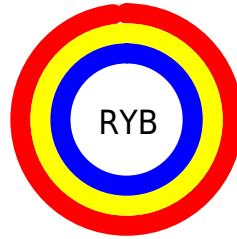
The CIELCh color 99, 1.164, 174.061 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 98, 1.182, 353.270, and the grayscale version is 99, 0.012, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 79, 0.906, 164.009 is the 20% darker color. If you saturate the color by 10%, you get 97, 10.986, 172.638, and if you desaturate by 10%, it is 99, 1.364, 324.263.

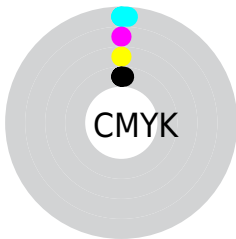
Distribution



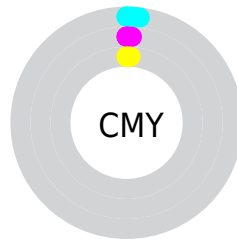
- Red (98%)
- Green (99%)
- Blue (99%)



- Red (98%)
- Yellow (99%)
- Blue (99%)



- Cyan (1%)
- Magenta (0%)
- Yellow (0%)
- Black (1%)



- Cyan (2%)
- Magenta (1%)
- Yellow (1%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 1.164, 174.061 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, 1.164, 174.061 by changing the saturation by 10% instead.

 99, 1.164, 174.061

 99, 1.164, 174.061

 100, 1.164,
174.061

 89, 1.164, 174.061

 79, 1.164, 174.061

 69, 1.164, 174.061

 59, 1.164, 174.061

 49, 1.164, 174.061

 39, 1.164, 174.061

 29, 1.164, 174.061

 19, 1.164, 174.061

 9, 1.164, 174.061

99, 1.164, 174.061

99, 1.164, 174.061

97, 10.986,
172.638

99, 1.364, 324.263

95, 20.625,
171.604

94, 29.939,
170.495

92, 38.765,
169.280

91, 46.934,
167.933

90, 54.289,
166.429

90, 60.706,
164.741

89, 66.121,
162.850

■ 89, 70.559,
160.748

Harmonies

Complementary

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



99, 1.164, 174.061



98, 1.182, 353.270

Rectangle

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



99, 1.164, 174.061



99, 1.164, 224.061



99, 1.164, 354.061



99, 1.164, 44.061

Sweetspot

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



99, 1.166, 173.998

100, 0.012, 296.813



99, 1.670, 134.200



53, 0.007, 296.813



0, 0.000, 0.000

Same Dimension

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




99, 1.166, 173.998



100, 0.988, 174.105



99, 0.917, 214.566



53, 0.561, 174.139



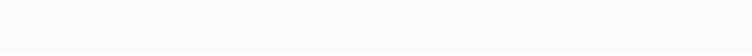
69, 59.436, 159.183



23, 26.002, 162.274

Inverse Universe

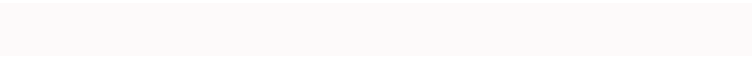
The Inverse Universe completely reimagines the original color for something new.



98, 1.182, 353.270



99, 1.003, 353.165



99, 0.921, 33.137



53, 0.570, 353.132



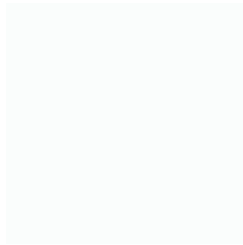
40, 69.631, 18.107



10, 31.345, 10.234

Previews

White Background



This preview shows how the CIE LCh color 99, 1.164, 174.061 looks on a white background.

Color Contrast Check

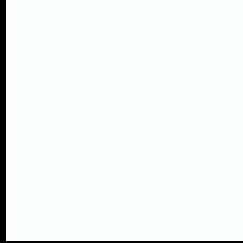
Large Text (above 18pt) WCAG AA × Fail

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, 1.164, 174.061 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

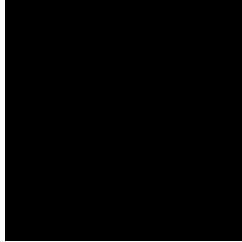
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 1.164, 174.061

Background



This preview shows how black text looks on a background with the CIELCh color 99, 1.164, 174.061.



This preview shows how white text looks on a background with the CIELCh color 99, 1.164, 174.061.

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, 1.164, 174.061

Protanopia

99, 1.406, 19.030

Deuteranopia

99, 1.502, 359.268

Tritanopia
99, 1.537, 290.342

Trichromacy

Original Color

99, 1.164, 174.061

Protanomaly

99, 0.605, 74.599

Deuteranomaly

99, 0.352, 17.560

Tritanomaly

99, 1.081, 271.537

Monochromacy

Original Color

99, 1.164, 174.061

Achromatopsia

99, 0.012, 296.813

Achromatomaly

99, 0.348, 201.271

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 1.164, 174.061 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(250, 253, 252)` looks like.

```
.text, #text, p{  
    color:rgb(250, 253, 252)  
}
```

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(250, 253, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 253, 252) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 1.164, 174.061 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(250, 253, 252) }
```

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

```
.border{ border-color:rgb(250, 253, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 253, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 253, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 253, 252);  
box-shadow:4px 4px 4px 4px rgb(250, 253,  
252) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 1.164, 174.061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 253, 252) }
```

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

```
.background{ background-color: rgb(250,  
253, 252) }
```

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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