

Converting Colors

CIELCh(99, 7.874, 119.263)

Have a look what the booklet for
CIELCh(99, 7.874, 119.263) contains.

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Color

CIELCh(99, 7.749, 120.192)

Conversions

Conversions Part 1

Format	Color
Hex	FAFEEF
RGB	250, 254, 239
RGB Percent	98%, 100%, 94%
CMY	0.0196, 0.0039, 0.0628
CMYK	0.02, 0.00, 0.06, 0.00
HSL	76°, 88%, 97%
HSV	76°, 6%, 100%
XYZ	90.4429, 97.4360, 95.6990
YIQ	251.0940, 2.4310, -5.5130

Conversions

Conversions Part 2

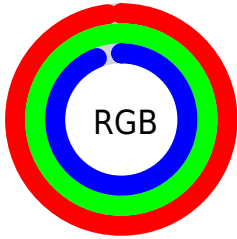
Format	Color
R _Y B	239, 254, 243
Decimal	16449263
CIE Lab	99.00, -3.90, 6.70
CIE LCh	99, 7.749, 120.192
Yxy	97.4360, 0.3189, 0.3436
Android (android.graphics.Color)	4294639343 (0xFFFAFEEF)
YUV	251.0940, -5.9623, -0.9594
Hunter-Lab	98.7097, -9.1910, 11.6152

Details

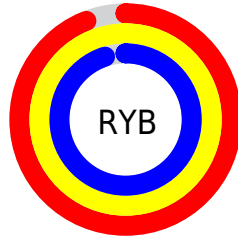
The CIELCh color 99, 7.749, 120.192 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 95, 7.860, 300.913, and the grayscale version is 99, 0.012, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 79, 7.539, 118.082 is the 20% darker color. If you saturate the color by 10%, you get 98, 20.864, 119.579, and if you desaturate by 10%, it is 100, 0.629, 323.972.

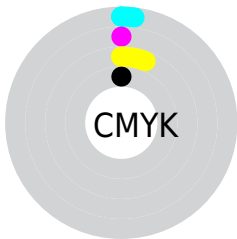
Distribution



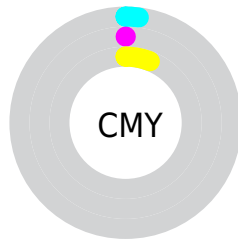
- Red (98%)
- Green (100%)
- Blue (94%)



- Red (94%)
- Yellow (100%)
- Blue (95%)



- Cyan (2%)
- Magenta (0%)
- Yellow (6%)
- Black (0%)



- Cyan (2%)
- Magenta (0%)
- Yellow (6%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 7.749, 120.192 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, 7.749, 120.192 by changing the saturation by 10% instead.

 99, 7.749, 120.192

 99, 7.749, 120.192

 100, 7.749,
120.192

 89, 7.749, 120.192


 79, 7.749, 120.192

 69, 7.749, 120.192

 59, 7.749, 120.192

 49, 7.749, 120.192

 39, 7.749, 120.192

 29, 7.749, 120.192

 19, 7.749, 120.192

 9, 7.749, 120.192

99, 7.749, 120.192

99, 7.749, 120.192

98, 20.864,
119.579

100, 0.629,
323.972

97, 33.863,
118.952

96, 46.620,
118.338

95, 58.943,
117.771

95, 70.546,
117.300

94, 81.009,
116.997

93, 89.772,
116.959

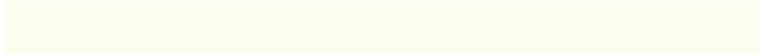
93, 96.236,
117.296

■ 92, 100.047,
118.088

Harmonies

Complementary

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



99, 7.749, 120.192



95, 7.860, 300.913

Rectangle

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



99, 7.749, 120.192



99, 7.749, 170.192



99, 7.749, 300.192



99, 7.749, 350.192

Sweetspot

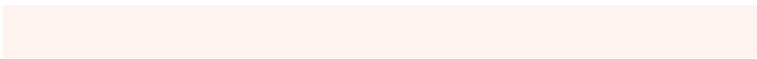
The Sweet Spot groups the original color and five complimentary colors.



99, 7.751, 120.201



100, 2.625, 120.448



97, 4.415, 47.003



53, 1.492, 120.455



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, 7.751, 120.201



99, 9.217, 120.133



98, 8.680, 137.571



53, 5.989, 120.096



72, 81.540, 118.271



24, 36.683, 116.999

Inverse Universe

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



95, 7.860, 300.913



95, 9.361, 300.985



96, 8.728, 318.033



50, 6.089, 301.025



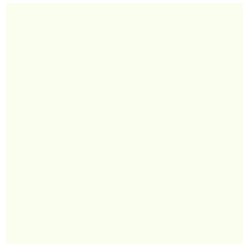
25, 105.191, 307.902



4, 44.691, 306.951

Previews

White Background



This preview shows how the CIE LCh color 99, 7.749, 120.192 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, 7.749, 120.192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

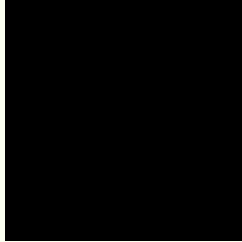
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 7.749, 120.192

Background



This preview shows how black text looks on a background with the CIELCh color 99, 7.749, 120.192.



This preview shows how white text looks on a background with the CIELCh color 99, 7.749, 120.192.

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

The image shows three vertical color swatches. The top one is a light yellow-green, the middle one is a light orange, and the bottom one is a light pink. To the right of each swatch is text describing the color and its corresponding hex code.

Original Color

99, 7.749, 120.192

Protanopia

99, 2.732, 87.135

Deuteranopia

99, 1.406, 19.030

Tritanopia
99, 1.537, 290.342

Trichromacy



Original Color

99, 7.749, 120.192

Protanomaly

99, 4.559, 109.818

Deuteranomaly

99, 2.551, 102.009

Tritanomaly

99, 2.148, 129.066

Monochromacy



Original Color

99, 7.749, 120.192



Achromatopsia

99, 0.012, 296.813

Achromatomaly

99, 2.559, 117.865

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 7.749, 120.192 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, 254, 239)` looks like.

```
.text, #text, p{  
    color:rgb(250, 254, 239)  
}
```

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, 254, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 254, 239) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 7.749, 120.192 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, 254, 239) }
```

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

```
.border{ border-color:rgb(250, 254, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 254, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 254, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 254, 239);  
box-shadow:4px 4px 4px 4px rgb(250, 254,  
239) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 7.749, 120.192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 254, 239) }
```

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

```
.background{ background-color: rgb(250,  
254, 239) }
```

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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