

Converting Colors

CIELCh(100, 8.575, 126.553)

Have a look what the booklet for
CIELCh(100, 8.575, 126.553)
contains.

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Color

CIELCh(99, 7.246, 120.950)

Conversions

Conversions Part 1

Format	Color
Hex	FAFEF0
RGB	250, 254, 240
RGB Percent	98%, 100%, 94%
CMY	0.0199, 0.0042, 0.0591
CMYK	0.02, 0.00, 0.06, 0.00
HSL	77°, 87%, 97%
HSV	77°, 6%, 100%
XYZ	90.5370, 97.4360, 96.4254
YIQ	251.2080, 2.1100, -5.2020

Conversions

Conversions Part 2

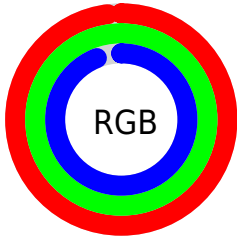
Format	Color
R _Y B	240, 254, 244
Decimal	16449264
CIE Lab	99.00, -3.73, 6.21
CIE LCh	99, 7.246, 120.950
Yxy	97.4360, 0.3183, 0.3426
Android (android.graphics.Color)	4294639344 (0xFFFAFEF0)
YUV	251.2080, -5.5255, -1.0594
Hunter-Lab	98.7097, -9.0209, 11.1788

Details

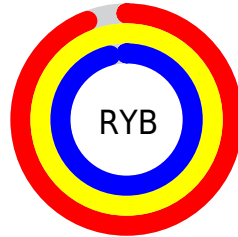
The CIELCh color 99, 7.246, 120.950 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 95, 7.344, 301.596, and the grayscale version is 99, 0.012, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 79, 7.013, 118.760 is the 20% darker color. If you saturate the color by 10%, you get 98, 20.400, 120.356, and if you desaturate by 10%, it is 100, 0.672, 324.004.

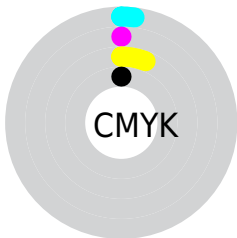
Distribution



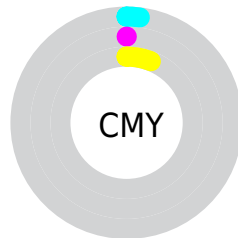
- Red (98%)
- Green (100%)
- Blue (94%)



- Red (94%)
- Yellow (100%)
- Blue (96%)



- 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, 7.246, 120.950 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, 7.246, 120.950 by changing the saturation by 10% instead.

 99, 7.246, 120.950

 99, 7.246, 120.950

 100, 7.246,
120.950

 89, 7.246, 120.950

 79, 7.246, 120.950

 69, 7.246, 120.950

 59, 7.246, 120.950

 49, 7.246, 120.950

 39, 7.246, 120.950

 29, 7.246, 120.950

 19, 7.246, 120.950

 9, 7.246, 120.950

99, 7.246, 120.950

99, 7.246, 120.950

98, 20.400,
120.356

100, 0.672,
324.004

97, 33.446,
119.747

96, 46.259,
119.150

95, 58.653,
118.597

94, 70.344,
118.139

94, 80.919,
117.848

93, 89.827,
117.822

93, 96.467,
118.175

■ 92, 100.466,
118.992

Harmonies

Complementary

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



99, 7.246, 120.950



95, 7.344, 301.596

Rectangle

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



99, 7.246, 120.950



99, 7.246, 170.950



99, 7.246, 300.950



99, 7.246, 350.950

Sweetspot

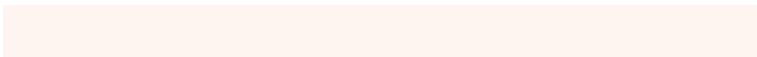
The Sweet Spot groups the original color and five complimentary colors.



99, 7.248, 120.959



100, 2.632, 121.177



97, 4.094, 49.022



53, 1.496, 121.184



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, 7.248, 120.959



99, 9.242, 120.870



99, 8.133, 138.094



53, 6.005, 120.833



71, 81.997, 119.227



24, 36.848, 117.895

Inverse Universe

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



95, 7.344, 301.596



95, 9.383, 301.692



96, 8.176, 318.522



50, 6.103, 301.731



25, 104.869, 308.128



4, 44.727, 307.383

Previews

White Background



This preview shows how the CIELCh color 99, 7.246, 120.950 looks on a white background.

Color Contrast Check

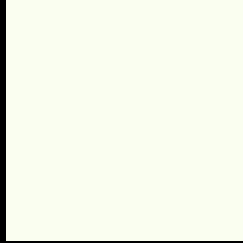
Large Text (above 18pt) WCAG AA × Fail

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, 7.246, 120.950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

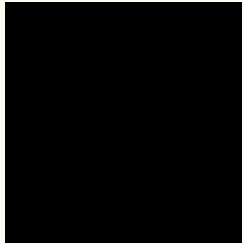
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 7.246, 120.950

Background



This preview shows how black text looks on a background with the CIELCh color 99, 7.246, 120.950.

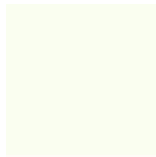


This preview shows how white text looks on a background with the CIELCh color 99, 7.246, 120.950.

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, 7.252, 120.949



Protanopia

99, 2.732, 87.135

Deuteranopia

99, 1.406, 19.030

Tritanopia
99, 1.537, 290.342

Trichromacy



Original Color

99, 7.252, 120.949

Protanomaly

99, 4.559, 109.818

Deuteranomaly

99, 2.551, 102.009

Tritanomaly

99, 1.675, 134.743

Monochromacy



Original Color

99, 7.252, 120.949



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, 7.246, 120.950 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, 240)` looks like.

```
.text, #text, p{  
    color:rgb(250, 254, 240)  
}
```

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, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 254, 240) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 7.246, 120.950 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, 240) }
```

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

```
.border{ border-color:rgb(250, 254, 240) }
```

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, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 254, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 254, 240);  
box-shadow:4px 4px 4px 4px rgb(250, 254,  
240) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 7.246, 120.950 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, 240) }
```

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

```
.background{ background-color: rgb(250,  
254, 240) }
```

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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