

Converting Colors

CIELCh(99, 5.348, 124.232)

Have a look what the booklet for
CIELCh(99, 5.348, 124.232) contains.

CIELCh(99, 5.766, 123.962)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(99, 5.766, 123.962)

Conversions

Conversions Part 1

Format	Color
Hex	FAFEF3
RGB	250, 254, 243
RGB Percent	98%, 100%, 95%
CMY	0.0207, 0.0050, 0.0481
CMYK	0.02, 0.00, 0.04, 0.00
HSL	82°, 81%, 97%
HSV	82°, 4%, 100%
XYZ	90.8163, 97.4360, 98.5982
YIQ	251.5500, 1.1470, -4.2690

Conversions

Conversions Part 2

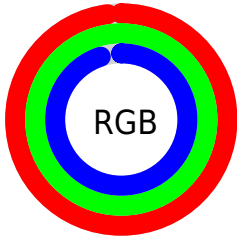
Format	Color
R _Y B	243, 254, 247
Decimal	16449267
CIE Lab	99.00, -3.22, 4.78
CIE LCh	99, 5.766, 123.962
Yxy	97.4360, 0.3166, 0.3397
Android (android.graphics.Color)	4294639347 (0xFFFAFEF3)
YUV	251.5500, -4.2151, -1.3593
Hunter-Lab	98.7097, -8.5158, 9.8737

Details

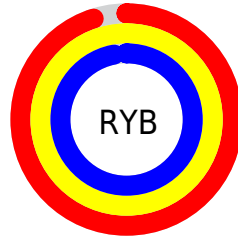
The CIELCh color 99, 5.766, 123.962 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 96, 5.832, 304.392, and the grayscale version is 99, 0.012, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 79, 5.444, 121.526 is the 20% darker color. If you saturate the color by 10%, you get 98, 19.098, 123.431, and if you desaturate by 10%, it is 100, 0.798, 324.082.

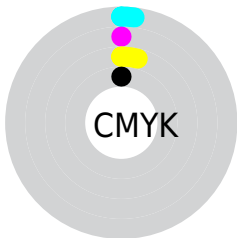
Distribution



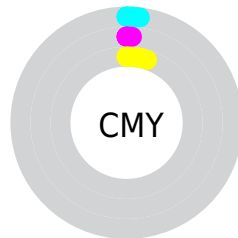
- Red (98%)
- Green (100%)
- Blue (95%)



- Red (95%)
- Yellow (100%)
- Blue (97%)



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



- Cyan (2%)
- Magenta (1%)
- Yellow (5%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 5.766, 123.962 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, 5.766, 123.962 by changing the saturation by 10% instead.

 99, 5.766, 123.962

 99, 5.766, 123.962

 100, 5.766,
123.962

 89, 5.766, 123.962

 79, 5.766, 123.962

 69, 5.766, 123.962

 59, 5.766, 123.962

 49, 5.766, 123.962

 39, 5.766, 123.962

 29, 5.766, 123.962

 19, 5.766, 123.962

 9, 5.766, 123.962

99, 5.766, 123.962

99, 5.766, 123.962

98, 19.098,
123.431

100, 0.798,
324.082

97, 32.354,
122.884

96, 45.413,
122.343


95, 58.094,
121.840

94, 70.128,
121.422

93, 81.123,
121.166

92, 90.545,
121.174

92, 97.792,
121.570

 91, 102.448,
122.455

Harmonies

Complementary

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



99, 5.766, 123.962



96, 5.832, 304.392

Rectangle

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



99, 5.766, 123.962



99, 5.766, 173.962



99, 5.766, 303.962



99, 5.766, 353.962

Sweetspot

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



99, 5.768, 123.972



100, 1.326, 124.194



98, 3.191, 57.213



53, 0.754, 124.200



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, 5.768, 123.972



99, 6.681, 123.936



99, 6.519, 140.120



53, 4.559, 123.897



71, 84.033, 122.858



24, 37.598, 121.351

Inverse Universe

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



96, 5.832, 304.392



96, 6.759, 304.430



97, 6.549, 320.445



51, 4.616, 304.470



27, 103.410, 309.230



5, 44.856, 309.266

Previews

White Background



This preview shows how the CIE LCh color 99, 5.766, 123.962 looks on a white background.

Color Contrast Check

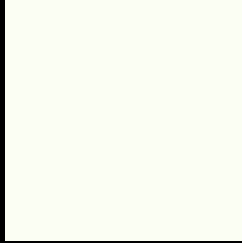
Large Text (above 18pt) WCAG AA × Fail

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, 5.766, 123.962 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

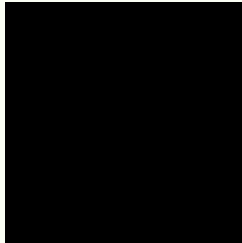
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 5.766, 123.962

Background



This preview shows how black text looks on a background with the CIELCh color 99, 5.766, 123.962.



This preview shows how white text looks on a background with the CIELCh color 99, 5.766, 123.962.

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 bars of different colors: a light green bar at the top, a light orange bar in the middle, and a light yellow bar at the bottom. These bars represent the original color and its simulation for different types of dichromacy.

Original Color

99, 5.766, 123.962

Protanopia

99, 2.272, 82.227

Deuteranopia

99, 1.406, 19.030

Tritanopia
99, 1.537, 290.342

Trichromacy



Original Color

99, 5.766, 123.962

Protanomaly

99, 3.544, 109.890

Deuteranomaly

99, 2.048, 100.089

Tritanomaly

99, 1.232, 144.648

Monochromacy



Original Color

99, 5.766, 123.962

Achromatopsia

99, 0.012, 296.813

Achromatomaly

99, 2.057, 119.829

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 5.766, 123.962 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, 243)` looks like.

```
.text, #text, p{  
    color:rgb(250, 254, 243)  
}
```

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, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 254, 243) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 5.766, 123.962 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, 243) }
```

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

```
.border{ border-color:rgb(250, 254, 243) }
```

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, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 254, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 254, 243);  
box-shadow:4px 4px 4px 4px rgb(250, 254,  
243) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 5.766, 123.962 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, 243) }
```

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

```
.background{ background-color: rgb(250,  
254, 243) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor