

Converting Colors

CIELCh(99, 9.855, 112.593)

Have a look what the booklet for
CIELCh(99, 9.855, 112.593) contains.

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Color

CIElCh(99, 10.165, 113.464)

Conversions

Conversions Part 1

Format	Color
Hex	FCFEEA
RGB	252, 254, 234
RGB Percent	99%, 100%, 92%
CMY	0.0121, 0.0043, 0.0827
CMYK	0.01, 0.00, 0.08, 0.00
HSL	66°, 90%, 96%
HSV	66°, 8%, 100%
XYZ	90.3599, 97.4360, 91.8164
YIQ	251.1220, 5.2280, -6.6440

Conversions

Conversions Part 2

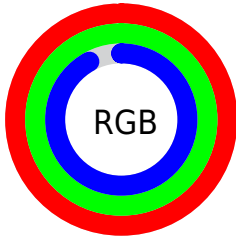
Format	Color
RYB	234, 254, 236
Decimal	16580330
CIELab	99.00, -4.05, 9.32
CIELCh	99, 10.165, 113.464
Yxy	97.4360, 0.3232, 0.3485
Android (android.graphics.Color)	4294770410 (0xFFFCFEEA)
YUV	251.1220, -8.4411, 0.7700
Hunter-Lab	98.7097, -9.3411, 13.9472

Details

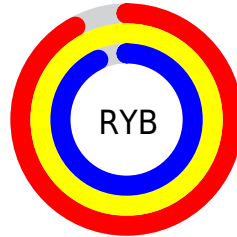
The CIELCh color 99, 10.165, 113.464 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 93, 10.361, 294.795, and the grayscale version is 99, 0.012, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 79, 10.132, 113.544 is the 20% darker color. If you saturate the color by 10%, you get 98, 23.022, 112.648, and if you desaturate by 10%, it is 100, 0.598, 308.711.

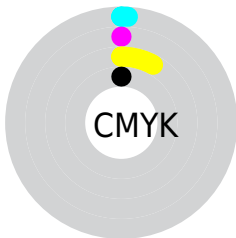
Distribution



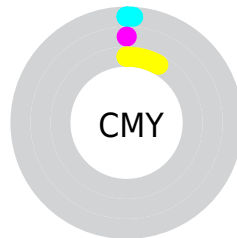
- Red (99%)
- Green (100%)
- Blue (92%)



- Red (92%)
- Yellow (100%)
- Blue (93%)



- Cyan (1%)
- Magenta (0%)
- Yellow (8%)
- Black (0%)




- Cyan (1%)
- Magenta (0%)
- Yellow (8%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 10.165, 113.464 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, 10.165, 113.464 by changing the saturation by 10% instead.


 99, 10.165,
113.464


 99, 10.165,
113.464


 100, 10.165,
113.464


 89, 10.165,
113.464


 79, 10.165,
113.464

 69, 10.165,
113.464

 59, 10.165,
113.464

 49, 10.165,
113.464

 39, 10.165,
113.464

 29, 10.165,

113.464

■ 19, 10.165,
113.464

■ 9, 10.165, 113.464

■ 99, 10.165,
113.464

■ 99, 10.165,
113.464

■ 98, 23.022,
112.648

■ 100, 0.598,
308.711

■ 98, 35.718,
111.820

■ 100, 0.685,
324.014

■ 97, 48.118,
111.012

■ 97, 60.012,
110.253

■ 96, 71.081,
109.585

■ 96, 80.861,
109.062

■ 95, 88.757,
108.753

■ 95, 94.180,
108.725

■ 95, 96.917,
109.011

Harmonies

Complementary

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



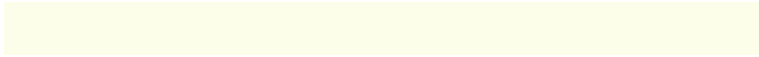
99, 10.165, 113.464



93, 10.361, 294.795

Rectangle

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



99, 10.165, 113.464



99, 10.165, 163.464



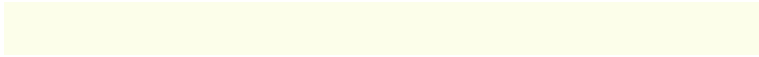
99, 10.165, 293.464



99, 10.165, 343.464

Sweetspot

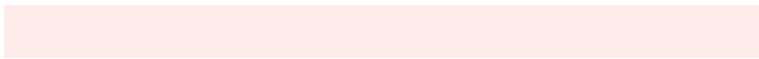
The Sweet Spot groups the original color and five complimentary colors.



99, 10.167, 113.473



100, 2.584, 113.943



95, 6.562, 28.708



53, 1.469, 113.950



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, 10.167, 113.473



99, 11.655, 113.381



98, 11.062, 132.167



53, 7.362, 113.339



74, 78.618, 108.989



25, 35.678, 108.497

Inverse Universe

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



93, 10.361, 294.795



93, 11.904, 294.898



94, 11.170, 312.799



49, 7.527, 294.945



23, 107.222, 306.608



4, 44.360, 303.721

Previews

White Background



This preview shows how the CIE LCh color 99, 10.165, 113.464 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, 10.165, 113.464 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

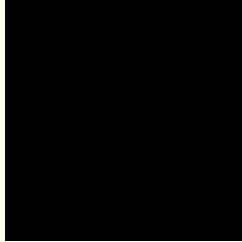
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 10.165, 113.464

Background



This preview shows how black text looks on a background with the CIELCh color 99, 10.165, 113.464.



This preview shows how white text looks on a background with the CIELCh color 99, 10.165, 113.464.

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, 10.165, 113.464



Protanopia

99, 3.207, 90.598

Deuteranopia

99, 1.406, 19.030

Tritanopia
99, 1.581, 303.066

Trichromacy

Original Color
99, 10.165, 113.464

Protanomaly
99, 5.582, 106.091

Deuteranomaly
99, 3.609, 98.572

Tritanomaly
99, 3.036, 109.925

Monochromacy

Original Color
99, 10.165, 113.464

Achromatopsia
99, 0.012, 296.813

Achromatomaly
99, 3.569, 115.569

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 10.165, 113.464 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(252, 254, 234)` looks like.

```
.text, #text, p{  
    color:rgb(252, 254, 234)  
}
```

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(252, 254, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 254, 234) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 10.165, 113.464 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(252, 254, 234) }
```

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

```
.border{ border-color:rgb(252, 254, 234) }
```

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

Here you see how a box with a 4 pixel rgb(252, 254, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 254, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 254, 234);  
box-shadow:4px 4px 4px 4px rgb(252, 254,  
234) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 10.165, 113.464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 254, 234) }
```

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

```
.background{ background-color: rgb(252,  
254, 234) }
```

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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