

Converting Colors

CIE LCh(99, 1.218, 208.026)

Have a look what the booklet for
CIELCh(99, 1.218, 208.026) contains.

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Color

CIELCh(99, 1.391, 199.790)

Conversions

Conversions Part 1

Format	Color
Hex	F9DFDF
RGB	249, 253, 253
RGB Percent	98%, 99%, 99%
CMY	0.0237, 0.0080, 0.0080
CMYK	0.02, 0.00, 0.00, 0.01
HSL	180°, 49%, 98%
HSV	180°, 2%, 99%
XYZ	91.8784, 97.4360, 106.8490
YIQ	251.8040, -2.3840, -0.8480

Conversions

Conversions Part 2

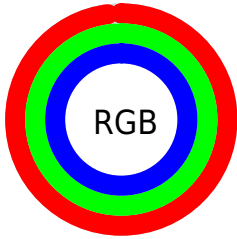
Format	Color
RYB	249, 251, 253
Decimal	16383485
CIELab	99.00, -1.31, -0.47
CIELCh	99, 1.391, 199.790
Yxy	97.4360, 0.3102, 0.3290
Android (android.graphics.Color)	4294573565 (0xFFFF9FDFD)
YUV	251.8040, 0.5896, -2.4591
Hunter-Lab	98.7097, -6.5953, 4.9179

Details

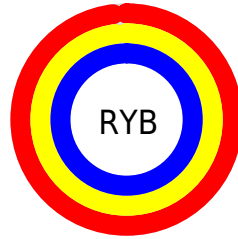
The CIELCh color 99, 1.391, 199.790 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 98, 1.409, 18.949, and the grayscale version is 99, 0.012, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 79, 1.095, 199.817 is the 20% darker color. If you saturate the color by 10%, you get 97, 9.955, 198.749, and if you desaturate by 10%, it is 99, 0.718, 17.637.

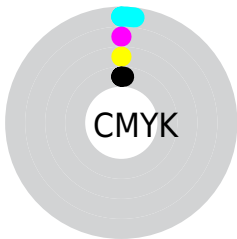
Distribution



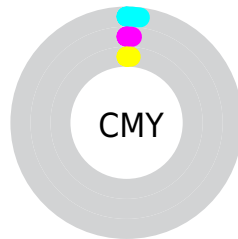
- Red (98%)
- Green (99%)
- Blue (99%)



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



- Cyan (2%)
- Magenta (0%)
- Yellow (0%)
- Black (1%)



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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 1.391, 199.790 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, 1.391, 199.790 by changing the saturation by 10% instead.

 99, 1.391, 199.790

 99, 1.391, 199.790

 100, 1.391,
199.790

 89, 1.391, 199.790

 79, 1.391, 199.790

 69, 1.391, 199.790

 59, 1.391, 199.790




















 49, 1.391, 199.790


 39, 1.391, 199.790

 29, 1.391, 199.790

 19, 1.391, 199.790

 9, 1.391, 199.790

 99, 1.391, 199.790	 99, 1.391, 199.790
 97, 9.955, 198.749	 99, 0.718, 17.637
 96, 17.997, 198.214	 99, 0.719, 16.574
 94, 25.375, 197.745	 99, 0.720, 15.512
 93, 31.943, 197.338	 99, 0.721, 14.454
 92, 37.570, 196.994	 99, 0.722, 13.400
 92, 42.149, 196.715	 99, 0.724, 12.350
 91, 45.623, 196.503	 99, 0.726, 11.305
 91, 47.993, 196.355	 99, 0.728, 10.266
	 99, 0.731, 9.234

 91, 49.335,
196.265

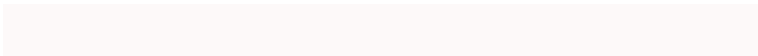
Harmonies

Complementary

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



99, 1.391, 199.790



98, 1.409, 18.949

Rectangle

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



99, 1.391, 199.790



99, 1.391, 249.790



99, 1.391, 19.790



99, 1.391, 69.790

Sweetspot

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



99, 1.392, 199.702

100, 0.012, 296.813



99, 2.464, 144.036



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, 1.392, 199.702



100, 1.770, 199.580



99, 1.220, 254.154



53, 1.006, 199.605



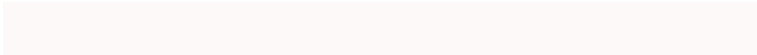
70, 40.395, 196.226



24, 18.582, 196.246

Inverse Universe

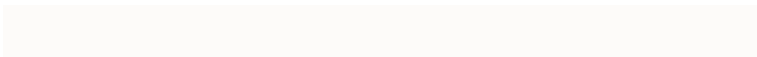
The Inverse Universe completely reimagines the original color for something new.



98, 1.409, 18.949



99, 1.795, 19.072



99, 1.208, 73.028



53, 1.020, 19.047



40, 84.181, 39.958



10, 33.359, 27.135

Previews

White Background



This preview shows how the CIE LCh color 99, 1.391, 199.790 looks on a white background.

Color Contrast Check

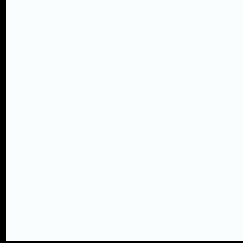
Large Text (above 18pt) WCAG AA × Fail

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, 1.391, 199.790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

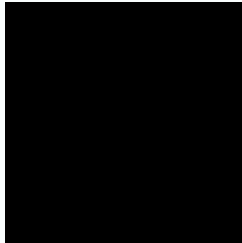
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 1.391, 199.790

Background



This preview shows how black text looks on a background with the CIELCh color 99, 1.391, 199.790.



This preview shows how white text looks on a background with the CIELCh color 99, 1.391, 199.790.

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, 1.391, 199.790

Protanopia

99, 1.502, 359.268

Deuteranopia

99, 1.502, 359.268

Tritanopia
99, 1.537, 290.342

Trichromacy

Original Color

99, 1.391, 199.790

Protanomaly

99, 0.352, 17.560

Deuteranomaly

99, 0.352, 17.560

Tritanomaly

99, 1.081, 271.537

Monochromacy

Original Color

99, 1.391, 199.790

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, 1.391, 199.790 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(249, 253, 253)` looks like.

```
.text, #text, p{  
    color:rgb(249, 253, 253)  
}
```

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(249, 253, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 253, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 1.391, 199.790 is called "border". The border property can be set on classes, ids or directly on the HTML element.

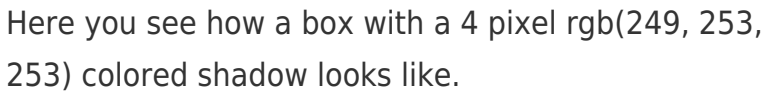
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(249, 253, 253) }
```

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

```
.border{ border-color:rgb(249, 253, 253) }
```

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



Here you see how a box with a 4 pixel `rgb(249, 253, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 253, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 253, 253);  
box-shadow:4px 4px 4px 4px rgb(249, 253,  
253) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 1.391, 199.790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 253, 253) }
```

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

```
.background{ background-color: rgb(249,  
253, 253) }
```

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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