

Converting Colors

CIE LCh(99, 2.177, 208.201)

Have a look what the booklet for
CIELCh(99, 2.177, 208.201) contains.

CIELCh(99, 2.137, 213.378)	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, 2.137, 213.378)

Conversions

Conversions Part 1

Format	Color
Hex	F7FDDE
RGB	247, 253, 254
RGB Percent	97%, 99%, 100%
CMY	0.0302, 0.0067, 0.0028
CMYK	0.03, 0.00, 0.00, 0.00
HSL	189°, 83%, 98%
HSV	189°, 3%, 100%
XYZ	91.6134, 97.4360, 107.9897
YIQ	251.3200, -3.8970, -0.9610

Conversions

Conversions Part 2

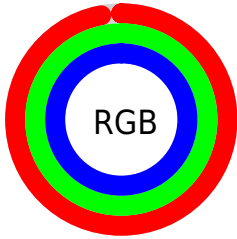
Format	Color
R_{YB}	247, 250, 254
Decimal	16252414
CIE _{Lab}	99.00, -1.78, -1.18
CIE _{LCh}	99, 2.137, 213.378
Yxy	97.4360, 0.3084, 0.3280
Android (android.graphics.Color)	4294442494 (0xFFFF7DFE)
YUV	251.3200, 1.3212, -3.7886
Hunter-Lab	98.7097, -7.0744, 4.2327

Details

The CIELCh color 99, 2.137, 213.378 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 98, 2.173, 32.721, 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, 1.889, 215.998 is the 20% darker color. If you saturate the color by 10%, you get 96, 9.646, 213.120, and if you desaturate by 10%, it is 100, 0.347, 109.929.

Distribution



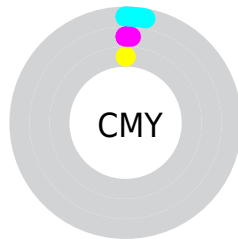
- Red (97%)
- Green (99%)
- Blue (100%)



- Red (97%)
- Yellow (98%)
- Blue (100%)



- Cyan (3%)
- Magenta (0%)
- Yellow (0%)
- Black (0%)




- Cyan (3%)
- Magenta (1%)
- Yellow (0%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 2.137, 213.378 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, 2.137, 213.378 by changing the saturation by 10% instead.

 99, 2.137, 213.378

 99, 2.137, 213.378


 100, 2.137,
213.378

 89, 2.137, 213.378

 79, 2.137, 213.378

 69, 2.137, 213.378

 59, 2.137, 213.378

 49, 2.137, 213.378

 39, 2.137, 213.378

 29, 2.137, 213.378

 19, 2.137, 213.378

 9, 2.137, 213.378

99, 2.137, 213.378

99, 2.137, 213.378

96, 9.646, 213.120

100, 0.347,
109.929

94, 16.676,
213.263

92, 23.107,
213.581

89, 28.809,
214.103

87, 33.661,
214.874

86, 37.561,
215.950

84, 40.446,
217.392

82, 42.319,
219.264

■ 81, 43.267,
221.619

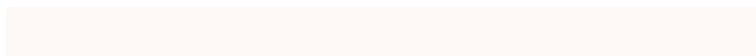
Harmonies

Complementary

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



99, 2.137, 213.378



98, 2.173, 32.721

Rectangle

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



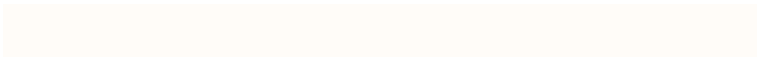
99, 2.137, 213.378



99, 2.137, 263.378



99, 2.137, 33.378



99, 2.137, 83.378

Sweetspot

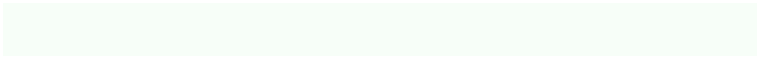
The Sweet Spot groups the original color and five complimentary colors.



99, 2.138, 213.314



100, 0.782, 213.855



99, 3.958, 148.230



53, 0.445, 213.900



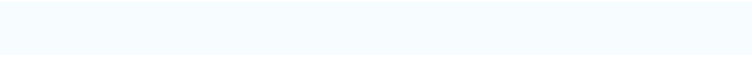
0, 0.000, 0.000



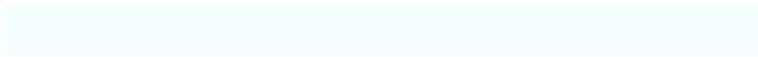
53, 0.007, 296.813

Same Dimension

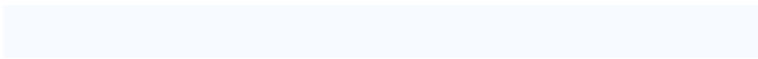
The Same Dimension uses a secret algorithm to generate beautiful new colors.



99, 2.138, 213.314



99, 2.333, 213.288



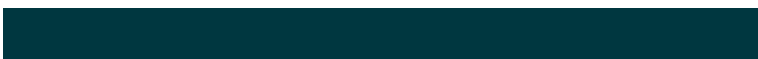
98, 2.426, 268.846



53, 1.765, 213.229



62, 35.163, 223.070



20, 16.280, 219.431

Inverse Universe

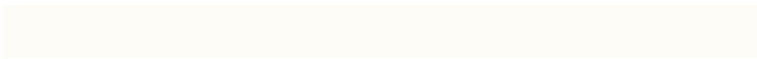
The Inverse Universe completely reimagines the original color for something new.



98, 3.953, 328.668



98, 4.317, 328.690



99, 2.410, 87.891



52, 3.273, 328.755



44, 83.255, 334.861



12, 38.813, 333.951

Previews

White Background



This preview shows how the CIElCh color 99, 2137, 213.378 looks on a white background.

Color Contrast Check

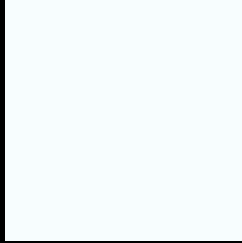
Large Text (above 18pt) WCAG AA × Fail

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, 2.137, 213.378 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

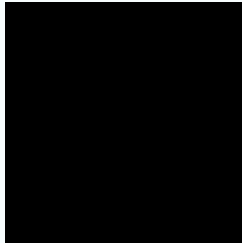
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 2.137, 213.378

Background



This preview shows how black text looks on a background with the CIELCh color 99, 2.137, 213.378.



This preview shows how white text looks on a background with the CIELCh color 99, 2.137, 213.378.

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, 2.137, 213.378

Protanopia
99, 1.748, 343.501

Deuteranopia
99, 1.748, 343.501

Tritanopia
99, 1.537, 290.342

Trichromacy



Original Color

99, 2.137, 213.378

Protanomaly

99, 0.520, 290.363

Deuteranomaly

99, 0.520, 290.363

Tritanomaly

99, 1.677, 265.874

Monochromacy



Original Color

99, 2.137, 213.378

Achromatopsia

99, 0.012, 296.813

Achromatomaly

99, 0.862, 236.466

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 2.137, 213.378 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(247, 253, 254)` looks like.

```
.text, #text, p{  
    color:rgb(247, 253, 254)  
}
```

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(247, 253, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 253, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 2.137, 213.378 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(247, 253, 254) }
```

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

```
.border{ border-color:rgb(247, 253, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 253, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 253, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 253, 254);  
box-shadow:4px 4px 4px 4px rgb(247, 253,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 2.137, 213.378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 253, 254) }
```

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

```
.background{ background-color: rgb(247,  
253, 254) }
```

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