

Converting Colors

CIELCh(100, 13.646, 284.861)

Have a look what the booklet for
CIELCh(100, 13.646, 284.861)
contains.

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Color

CIELCh(99, 1.802, 216.070)

Conversions

Conversions Part 1

Format	Color
Hex	F8FD FE
RGB	248, 253, 254
RGB Percent	97%, 99%, 100%
CMY	0.0271, 0.0075, 0.0036
CMYK	0.02, 0.00, 0.00, 0.00
HSL	190°, 77%, 98%
HSV	190°, 2%, 100%
XYZ	91.7960, 97.4360, 107.8035
YIQ	251.6190, -3.3010, -0.7490

Conversions

Conversions Part 2

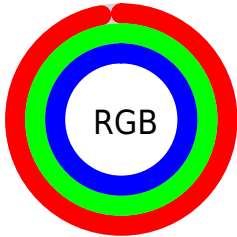
Format	Color
R_{YB}	248, 251, 254
Decimal	16317950
CIE Lab	99.00, -1.46, -1.06
CIE LCh	99, 1.802, 216.070
Yxy	97.4360, 0.3090, 0.3280
Android (android.graphics.Color)	4294508030 (0xFF8FD8FE)
YUV	251.6190, 1.1738, -3.1739
Hunter-Lab	98.7097, -6.7442, 4.3446

Details

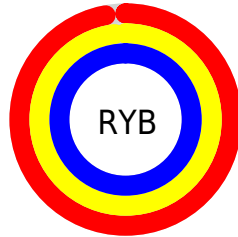
The CIELCh color 99, 1.802, 216.070 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 98, 1.826, 35.237, and the grayscale version is 99, 0.012, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 79, 1.546, 219.883 is the 20% darker color. If you saturate the color by 10%, you get 96, 9.202, 215.857, and if you desaturate by 10%, it is 100, 0.453, 109.973.

Distribution



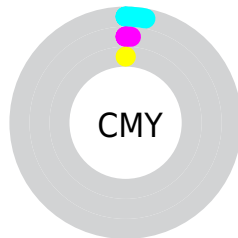
- Red (97%)
- Green (99%)
- Blue (100%)



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



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



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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 1.802, 216.070 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, 1.802, 216.070 by changing the saturation by 10% instead.

 99, 1.802, 216.070

 99, 1.802, 216.070

 100, 1.802,
216.070

 89, 1.802, 216.070

 79, 1.802, 216.070

 69, 1.802, 216.070

 59, 1.802, 216.070

 49, 1.802, 216.070

 39, 1.802, 216.070

 29, 1.802, 216.070

 19, 1.802, 216.070

 9, 1.802, 216.070

99, 1.802, 216.070

99, 1.802, 216.070

96, 9.202, 215.857

100, 0.453,
109.973

94, 16.143,
216.123

91, 22.508,
216.586

89, 28.175,
217.279

86, 33.024,
218.255

84, 36.957,
219.580

83, 39.913,
221.326

81, 41.899,
223.567

■ 80, 43.005,
226.365

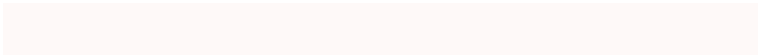
Harmonies

Complementary

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



99, 1.802, 216.070



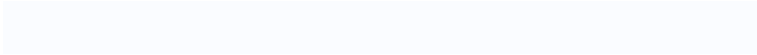
98, 1.826, 35.237

Rectangle

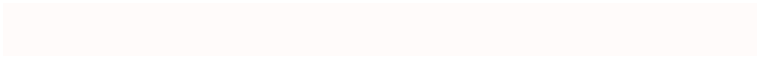
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



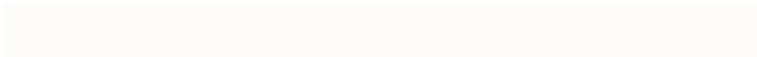
99, 1.802, 216.070



99, 1.802, 266.070



99, 1.802, 36.070



99, 1.802, 86.070

Sweetspot

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



99, 1.803, 215.992



100, 0.770, 216.472



99, 3.346, 148.806



53, 0.438, 216.516



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, 1.803, 215.992



99, 2.295, 215.921



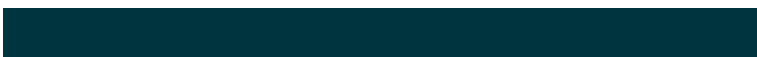
98, 2.114, 270.208



53, 1.736, 215.870



61, 35.070, 228.217



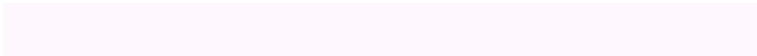
20, 16.162, 223.881

Inverse Universe

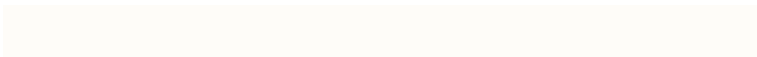
The Inverse Universe completely reimagines the original color for something new.



98, 3.329, 329.404



98, 4.245, 329.466



99, 2.096, 89.332



52, 3.218, 329.532



44, 81.751, 336.178



12, 38.190, 335.066

Previews

White Background



This preview shows how the CIE LCh color 99, 1.802, 216.070 looks on a white background.

Color Contrast Check

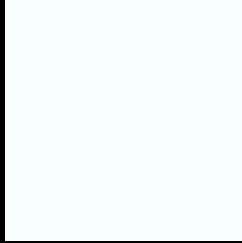
Large Text (above 18pt) WCAG AA × Fail

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, 1.802, 216.070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

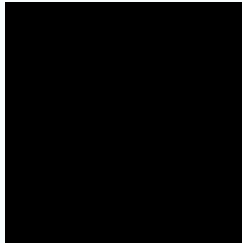
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 1.802, 216.070

Background



This preview shows how black text looks on a background with the CIELCh color 99, 1.802, 216.070.



This preview shows how white text looks on a background with the CIELCh color 99, 1.802, 216.070.

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, 1.804, 216.069

Protanopia

99, 1.748, 343.501

Deuteranopia

99, 1.748, 343.501

Tritanopia
99, 1.537, 290.342

Trichromacy

Original Color

99, 1.804, 216.069

Protanomaly

99, 0.520, 290.363

Deuteranomaly

99, 0.520, 290.363

Tritanomaly

99, 1.571, 277.558

Monochromacy

Original Color

99, 1.804, 216.069

Achromatopsia

99, 0.012, 296.813

Achromatomaly

99, 0.621, 256.220

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 1.802, 216.070 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(248, 253, 254)` looks like.

```
.text, #text, p{  
    color:rgb(248, 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(248, 253, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 253, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 1.802, 216.070 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(248, 253, 254) }
```

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

```
.border{ border-color:rgb(248, 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(248, 253, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 253, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 253, 254);  
box-shadow:4px 4px 4px 4px rgb(248, 253,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 1.802, 216.070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 253, 254) }
```

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

```
.background{ background-color: rgb(248,  
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](#).

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