

Converting Colors

CIELCh(99, 2.425, 108.708)

Have a look what the booklet for
CIELCh(99, 2.425, 108.708) contains.

CIELCh(99, 2.048, 100.089)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(99, 2.048, 100.089)

Conversions

Conversions Part 1

Format	Color
Hex	FDFCF8
RGB	253, 252, 248
RGB Percent	99%, 99%, 97%
CMY	0.0071, 0.0110, 0.0268
CMYK	0.00, 0.00, 0.02, 0.01
HSL	48°, 58%, 98%
HSV	48°, 2%, 99%
XYZ	92.4091, 97.4360, 102.8874
YIQ	251.8430, 1.8800, -1.0320

Conversions

Conversions Part 2

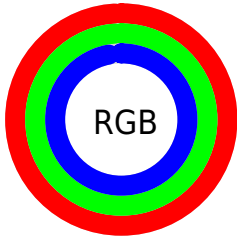
Format	Color
R _Y B	249, 253, 248
Decimal	16645368
CIE Lab	99.00, -0.36, 2.02
CIE LCh	99, 2.048, 100.089
Yxy	97.4360, 0.3157, 0.3328
Android (android.graphics.Color)	4294835448 (0xFFFD _{FC} F8)
YUV	251.8430, -1.8946, 1.0147
Hunter-Lab	98.7097, -5.6356, 7.2974

Details

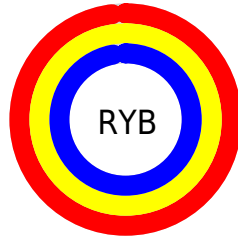
The CIELCh color 99, 2.048, 100.089 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 98, 2.076, 280.770, and the grayscale version is 99, 0.012, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 79, 1.629, 96.884 is the 20% darker color. If you saturate the color by 10%, you get 97, 12.540, 99.069, and if you desaturate by 10%, it is 100, 0.633, 200.412.

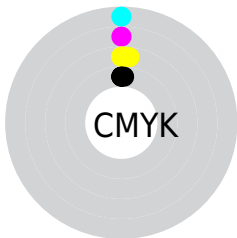
Distribution



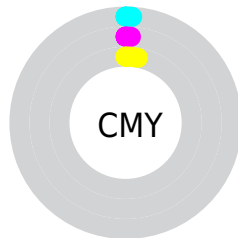
- Red (99%)
- Green (99%)
- Blue (97%)



- Red (98%)
- Yellow (99%)
- Blue (97%)



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




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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 2.048, 100.089 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, 2.048, 100.089 by changing the saturation by 10% instead.

 99, 2.048, 100.089

 99, 2.048, 100.089

 100, 2.048,
100.089

 89, 2.048, 100.089

 79, 2.048, 100.089

 69, 2.048, 100.089

 59, 2.048, 100.089

 49, 2.048, 100.089

 39, 2.048, 100.089

 29, 2.048, 100.089

 19, 2.048, 100.089

 9, 2.048, 100.089

99, 2.048, 100.089

99, 2.048, 100.089

97, 12.540, 99.069

100, 0.633,
200.412

95, 23.096, 97.889

94, 33.663, 96.676

92, 44.141, 95.439

90, 54.352, 94.186

89, 63.989, 92.920

87, 72.552, 91.634

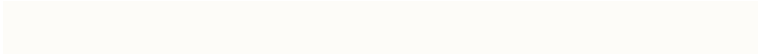
86, 79.317, 90.302

85, 83.471, 88.870

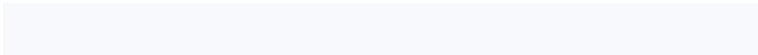
Harmonies

Complementary

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



99, 2.048, 100.089



98, 2.076, 280.770

Rectangle

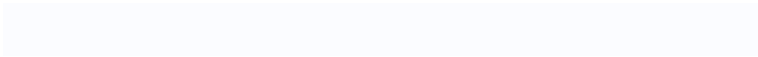
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



99, 2.048, 100.089



99, 2.048, 150.089



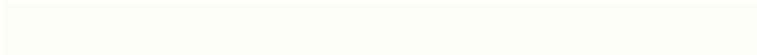
99, 2.048, 280.089



99, 2.048, 330.089

Sweetspot

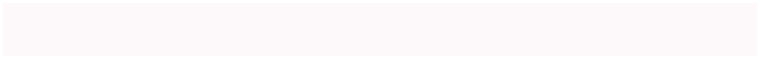
The Sweet Spot groups the original color and five complimentary colors.



99, 2.050, 100.143



100, 1.038, 100.163



98, 1.840, 3.098



53, 0.590, 100.159



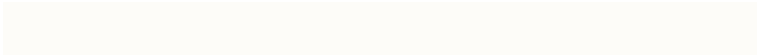
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



99, 2.050, 100.143



100, 2.088, 100.141



99, 2.589, 121.712



53, 1.187, 100.148



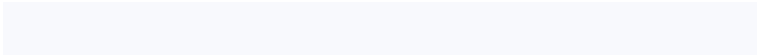
65, 68.839, 87.909



22, 30.488, 89.960

Inverse Universe

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



98, 2.076, 280.770



99, 2.115, 280.772



98, 2.621, 301.892



53, 1.202, 280.765



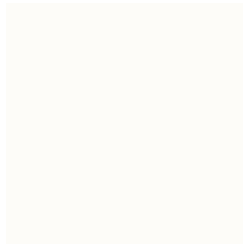
27, 94.553, 302.531



6, 37.685, 297.636

Previews

White Background



This preview shows how the CIE LCh color 99, 2.048, 100.089 looks on a white background.

Color Contrast Check

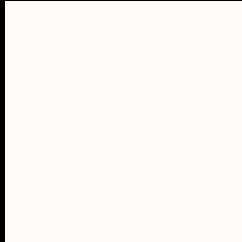
Large Text (above 18pt) WCAG AA × Fail

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, 2.048, 100.089 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

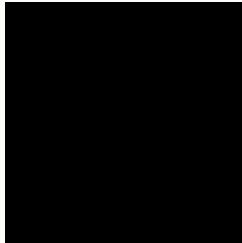
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 2.048, 100.089

Background



This preview shows how black text looks on a background with the CIELCh color 99, 2.048, 100.089.



This preview shows how white text looks on a background with the CIELCh color 99, 2.048, 100.089.

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, 2.048, 100.089

Protanopia

99, 1.487, 38.999

Deuteranopia

99, 1.502, 359.268

Tritanopia
99, 1.581, 303.066

Trichromacy

Original Color

99, 2.048, 100.089

Protanomaly

99, 1.450, 63.329

Deuteranomaly

99, 1.054, 18.852

Tritanomaly

99, 0.631, 323.976

Monochromacy

Original Color

99, 2.048, 100.089

Achromatopsia

99, 0.012, 296.813

Achromatomaly

99, 0.497, 109.986

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 2.048, 100.089 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(253, 252, 248)` looks like.

```
.text, #text, p{  
    color:rgb(253, 252, 248)  
}
```

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(253, 252, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 252, 248) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 2.048, 100.089 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(253, 252, 248) }
```

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

```
.border{ border-color:rgb(253, 252, 248) }
```

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

Here you see how a box with a 4 pixel rgb(253, 252, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 252, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 252, 248);  
box-shadow:4px 4px 4px 4px rgb(253, 252,  
248) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 2.048, 100.089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 252, 248) }
```

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

```
.background{ background-color: rgb(253,  
252, 248) }
```

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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