

Converting Colors

CIELCh(100, 3.356, 176.176)

Have a look what the booklet for
CIELCh(100, 3.356, 176.176)
contains.

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Color

CIELCh(99, 2.488, 187.726)

Conversions

Conversions Part 1

Format	Color
Hex	F7FEFD
RGB	247, 254, 253
RGB Percent	97%, 100%, 99%
CMY	0.0327, 0.0053, 0.0092
CMYK	0.03, 0.00, 0.00, 0.01
HSL	171°, 72%, 98%
HSV	171°, 3%, 99%
XYZ	91.2350, 97.4360, 106.6291
YIQ	251.7930, -3.8510, -1.7950

Conversions

Conversions Part 2

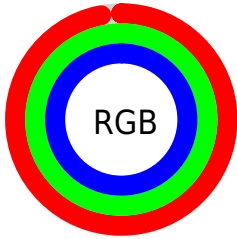
Format	Color
RYB	247, 251, 254
Decimal	16252669
CIELab	99.00, -2.47, -0.33
CIELCh	99, 2.488, 187.726
Yxy	97.4360, 0.3090, 0.3300
Android (android.graphics.Color)	4294442749 (0xFFFF7FEFD)
YUV	251.7930, 0.5951, -4.2035
Hunter-Lab	98.7097, -7.7586, 5.0500

Details

The CIELCh color 99, 2.488, 187.726 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 98, 2.528, 7.653, 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, 2.256, 185.794 is the 20% darker color. If you saturate the color by 10%, you get 97, 11.345, 186.640, and if you desaturate by 10%, it is 100, 0.848, 324.107.

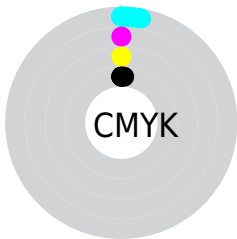
Distribution



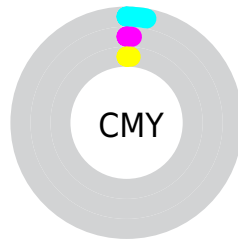
- Red (97%)
- Green (100%)
- Blue (99%)



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



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



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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 2.488, 187.726 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, 2.488, 187.726 by changing the saturation by 10% instead.

 99, 2.488, 187.726

 99, 2.488, 187.726

 100, 2.488,
187.726

 89, 2.488, 187.726

 79, 2.488, 187.726

 69, 2.488, 187.726

 59, 2.488, 187.726

 49, 2.488, 187.726

 39, 2.488, 187.726

 29, 2.488, 187.726

 19, 2.488, 187.726

 9, 2.488, 187.726

99, 2.488, 187.726

99, 2.488, 187.726

97, 11.345,
186.640

100, 0.848,
324.107

96, 19.809,
185.740

94, 27.735,
184.819

93, 34.968,
183.857

92, 41.358,
182.837

91, 46.776,
181.742

91, 51.140,
180.549

90, 54.430,
179.237

■ 90, 56.709,
177.787

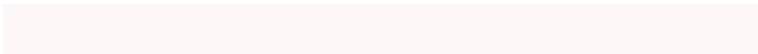
Harmonies

Complementary

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



99, 2.488, 187.726



98, 2.528, 7.653

Rectangle

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



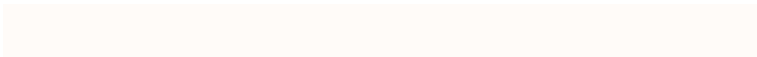
99, 2.488, 187.726



99, 2.488, 237.726



99, 2.488, 7.726



99, 2.488, 57.726

Sweetspot

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



99, 2.490, 187.685



100, 0.906, 188.276



99, 4.138, 140.220



53, 0.515, 188.317



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

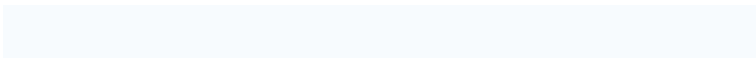
The Same Dimension uses a secret algorithm to generate beautiful new colors.



99, 2.490, 187.685



99, 2.719, 187.645



98, 2.002, 238.294



53, 2.059, 187.529



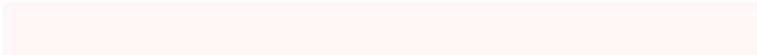
70, 46.670, 176.951



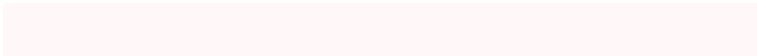
23, 21.029, 178.992

Inverse Universe

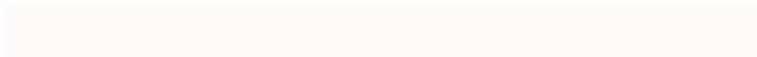
The Inverse Universe completely reimagines the original color for something new.



98, 2.528, 7.653



98, 2.763, 7.695



98, 2.017, 57.245



52, 2.099, 7.814



40, 77.819, 33.499



10, 32.320, 21.300

Previews

White Background



This preview shows how the CIE LCh color 99, 2.488, 187.726 looks on a white background.

Color Contrast Check

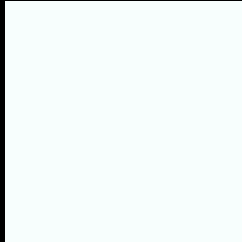
Large Text (above 18pt) WCAG AA × Fail

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, 2.488, 187.726 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

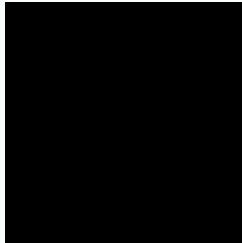
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 2.488, 187.726

Background



This preview shows how black text looks on a background with the CIELCh color 99, 2.488, 187.726.



This preview shows how white text looks on a background with the CIELCh color 99, 2.488, 187.726.

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, 2.490, 187.725

Protanopia
99, 1.406, 19.030

Deuteranopia
99, 1.502, 359.268

Tritanopia
99, 1.537, 290.342

Trichromacy



Original Color

99, 2.490, 187.725

Protanomaly

99, 0.012, 296.813

Deuteranomaly

99, 0.012, 296.813

Tritanomaly

99, 1.158, 226.033

Monochromacy



Original Color

99, 2.490, 187.725

Achromatopsia

99, 0.012, 296.813

Achromatomaly

99, 1.045, 199.967

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 2.488, 187.726 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, 254, 253)` looks like.

```
.text, #text, p{  
    color:rgb(247, 254, 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(247, 254, 253) colored shadow looks like.

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

Border

The CSS property to change the border of an element to CIELCh 99, 2.488, 187.726 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, 254, 253) }
```

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

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

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

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

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

Background

The CSS property to change the background color of an element to CIELCh 99, 2.488, 187.726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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