

Converting Colors

CIELCh(100, 6.159, 178.046)

Have a look what the booklet for
CIELCh(100, 6.159, 178.046)
contains.

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Color

CIELCh(99, 4.526, 192.802)

Conversions

Conversions Part 1

Format	Color
Hex	F2FFFE
RGB	242, 255, 254
RGB Percent	95%, 100%, 100%
CMY	0.0515, 0.0005, 0.0044
CMYK	0.05, 0.00, 0.00, 0.00
HSL	175°, 98%, 97%
HSV	175°, 5%, 100%
XYZ	90.1583, 97.4360, 107.7093
YIQ	250.9990, -7.4270, -3.0670

Conversions

Conversions Part 2

Format	Color
R_{YB}	242, 249, 255
Decimal	15925246
CIE _{Lab}	99.00, -4.41, -1.00
CIE _{LCh}	99, 4.526, 192.802
Yxy	97.4360, 0.3053, 0.3300
Android (android.graphics.Color)	4294115326 (0xFF2FFFE)
YUV	250.9990, 1.4795, -7.8921
Hunter-Lab	98.7097, -9.7058, 4.4012

Details

The CIELCh color 99, 4.526, 192.802 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 96, 4.657, 13.269, 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, 4.381, 192.184 is the 20% darker color. If you saturate the color by 10%, you get 97, 13.122, 191.950, and if you desaturate by 10%, it is 100, 0.090, 320.986.

Distribution



- Red (95%)
- Green (100%)
- Blue (100%)



- Red (95%)
- Yellow (98%)
- Blue (100%)



- Cyan (5%)
- Magenta (0%)
- Yellow (0%)
- Black (0%)



- Cyan (5%)
- Magenta (0%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 4.526, 192.802 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, 4.526, 192.802 by changing the saturation by 10% instead.

 99, 4.526, 192.802	 99, 4.526, 192.802
 100, 4.526, 192.802	 89, 4.526, 192.802
	 79, 4.526, 192.802
	 69, 4.526, 192.802
	 59, 4.526, 192.802
	 49, 4.526, 192.802
	 39, 4.526, 192.802
	 29, 4.526, 192.802
	 19, 4.526, 192.802
	 9, 4.526, 192.802

99, 4.526, 192.802

99, 4.526, 192.802

97, 13.122,
191.950

100, 0.090,
320.986

96, 21.221,
191.197

94, 28.674,
190.453


93, 35.330,
189.707

92, 41.052,
188.949

92, 45.730,
188.169

91, 49.307,
187.350

91, 51.792,
186.477

 91, 53.280,
185.535

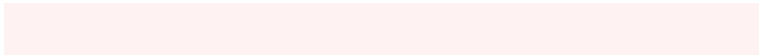
Harmonies

Complementary

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



99, 4.526, 192.802



96, 4.657, 13.269

Rectangle

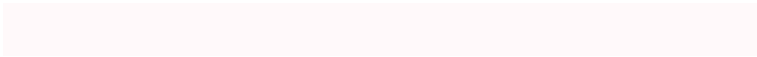
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



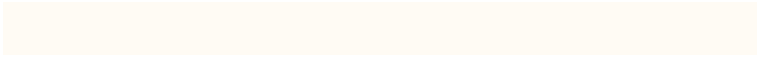
99, 4.526, 192.802



99, 4.526, 242.802



99, 4.526, 12.802



99, 4.526, 62.802

Sweetspot

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



99, 4.528, 192.778



100, 1.784, 193.226



99, 7.867, 141.955



53, 1.014, 193.252



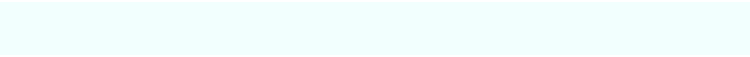
0, 0.000, 0.000



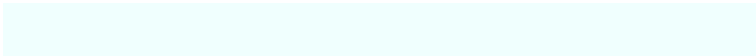
53, 0.007, 296.813

Same Dimension

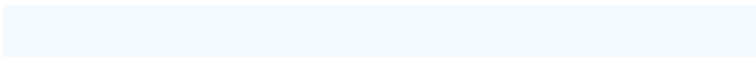
The Same Dimension uses a secret algorithm to generate beautiful new colors.



99, 4.528, 192.778



99, 5.319, 192.691



98, 3.778, 246.605



53, 3.524, 192.631



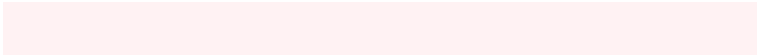
70, 43.257, 185.233



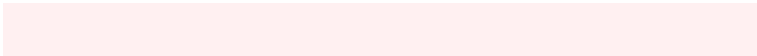
24, 19.709, 186.492

Inverse Universe

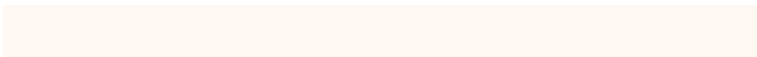
The Inverse Universe completely reimagines the original color for something new.



96, 4.657, 13.269



96, 5.496, 13.364



98, 3.838, 65.218



51, 3.654, 13.430



40, 81.019, 37.032



10, 32.762, 24.058

Previews

White Background



This preview shows how the CIElCh color 99, 4.526, 192.802 looks on a white background.

Color Contrast Check

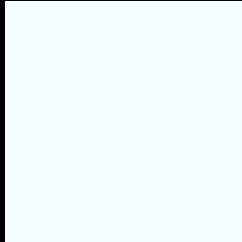
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 99, 4.526, 192.802 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

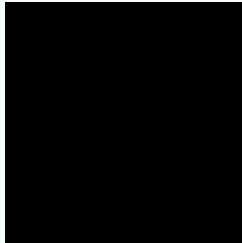
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 4.526, 192.802

Background



This preview shows how black text looks on a background with the CIELCh color 99, 4.526, 192.802.



This preview shows how white text looks on a background with the CIELCh color 99, 4.526, 192.802.

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, 4.526, 192.802



Protanopia
99, 1.502, 359.268

Deuteranopia
99, 1.748, 343.501

Tritanopia
99, 1.571, 277.558

Trichromacy



A vertical color bar on the left side of the Trichromacy section, divided into four segments: cyan, light blue, light green, and light yellow.

Original Color

99, 4.526, 192.802

Protanomaly

99, 0.862, 236.466

Deuteranomaly

99, 0.862, 236.466

Tritanomaly

99, 2.000, 230.270

Monochromacy



A vertical color bar on the left side of the Monochromacy section, divided into three segments: cyan, light blue, and light yellow.

Original Color

99, 4.526, 192.802

Achromatopsia

99, 0.012, 296.813

Achromatomaly

99, 1.392, 199.788

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 4.526, 192.802 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(242, 255, 254)` looks like.

```
.text, #text, p{  
    color:rgb(242, 255, 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(242, 255, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 255, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 4.526, 192.802 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(242, 255, 254) }
```

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

```
.border{ border-color:rgb(242, 255, 254) }
```

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

Here you see how a box with a 4 pixel rgb(242, 255, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 255, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 255, 254);  
box-shadow:4px 4px 4px 4px rgb(242, 255,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 4.526, 192.802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 255, 254) }
```

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

```
.background{ background-color: rgb(242,  
255, 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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