

Converting Colors

CIELCh(99, 5.441, 185.928)

Have a look what the booklet for
CIELCh(99, 5.441, 185.928) contains.

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Color

CIELCh(99, 5.295, 188.095)

Conversions

Conversions Part 1

Format	Color
Hex	F0FFFD
RGB	240, 255, 253
RGB Percent	94%, 100%, 99%
CMY	0.0575, 0.0000, 0.0065
CMYK	0.06, 0.00, 0.01, 0.00
HSL	173°, 100%, 97%
HSV	173°, 6%, 100%
XYZ	89.7027, 97.4360, 107.2926
YIQ	250.2870, -8.2980, -3.8020

Conversions

Conversions Part 2

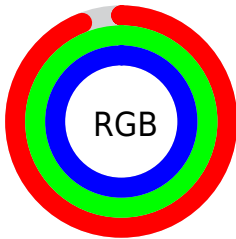
Format	Color
R_{YB}	240, 248, 255
Decimal	15794173
CIE _{Lab}	99.00, -5.24, -0.75
CIE _{LCh}	99, 5.295, 188.095
Yxy	97.4360, 0.3047, 0.3309
Android (android.graphics.Color)	4293984253 (0xFFFF0FFFD)
YUV	250.2870, 1.3375, -9.0217
Hunter-Lab	98.7097, -10.5295, 4.6514

Details

The CIELCh color 99, 5.295, 188.095 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 96, 5.297, 10.453, and the grayscale version is 98, 0.012, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 79, 5.191, 187.218 is the 20% darker color. If you saturate the color by 10%, you get 97, 13.824, 188.872, and if you desaturate by 10%, it is 100, 0.012, 296.813.

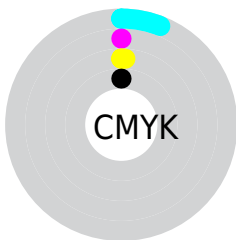
Distribution



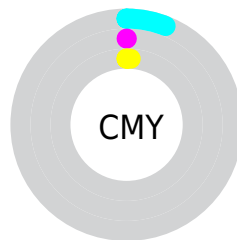
- Red (94%)
- Green (100%)
- Blue (99%)



- Red (94%)
- Yellow (97%)
- Blue (100%)



- Cyan (6%)
- Magenta (0%)
- Yellow (1%)
- Black (0%)



- Cyan (6%)
- Magenta (0%)
- Yellow (1%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 5.295, 188.095 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, 5.295, 188.095 by changing the saturation by 10% instead.

 99, 5.295, 188.095

 99, 5.295, 188.095

 100, 5.295,
188.095

 89, 5.295, 188.095

 79, 5.295, 188.095

 69, 5.295, 188.095

 59, 5.295, 188.095

 49, 5.295, 188.095

 39, 5.295, 188.095

 29, 5.295, 188.095

 19, 5.295, 188.095

 9, 5.295, 188.095

99, 5.295, 188.095

99, 5.295, 188.095

97, 13.824,
188.872

100, 0.012,
296.813

96, 22.036,
188.031

94, 29.630,
187.177


93, 36.451,
186.296

92, 42.358,
185.373

92, 47.238,
184.392

91, 51.030,
183.334

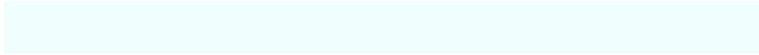
91, 53.742,
182.179

 90, 55.471,
180.911

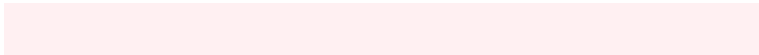
Harmonies

Complementary

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



99, 5.295, 188.095



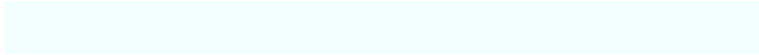
96, 5.297, 10.453

Rectangle

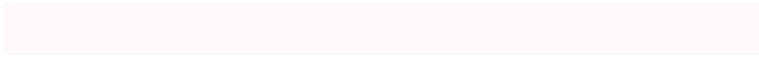
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



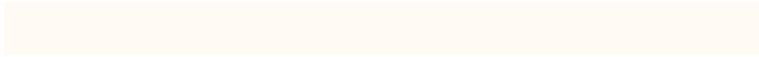
99, 5.295, 188.095



99, 5.295, 238.095



99, 5.295, 8.095



99, 5.295, 58.095

Sweetspot

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



99, 5.144, 189.757



100, 1.798, 190.287



99, 8.782, 140.988



53, 1.022, 190.314



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

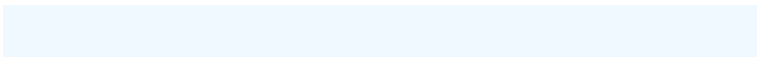
The Same Dimension uses a secret algorithm to generate beautiful new colors.



99, 5.144, 189.757



99, 6.251, 189.635



98, 4.199, 242.593



53, 4.057, 189.579



70, 45.015, 180.594



23, 20.390, 182.311

Inverse Universe

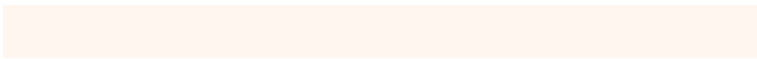
The Inverse Universe completely reimagines the original color for something new.



96, 5.297, 10.453



95, 6.475, 10.586



97, 4.293, 61.182



50, 4.215, 10.649



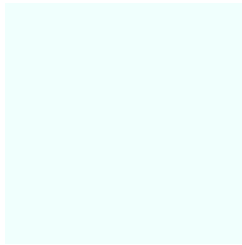
40, 79.345, 35.269



10, 32.513, 22.572

Previews

White Background



This preview shows how the CIE LCh color 99, 5.295, 188.095 looks on a white background.

Color Contrast Check

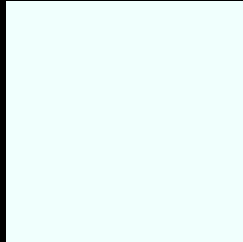
Large Text (above 18pt) WCAG AA × Fail

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, 5.295, 188.095 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

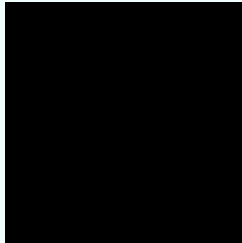
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 5.295, 188.095

Background



This preview shows how black text looks on a background with the CIELCh color 99, 5.295, 188.095.

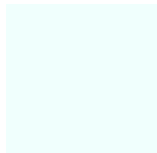


This preview shows how white text looks on a background with the CIELCh color 99, 5.295, 188.095.

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, 5.295, 188.095



Protanopia

99, 1.406, 19.030

Deuteranopia

99, 1.502, 359.268

Tritanopia
99, 1.677, 265.874

Trichromacy

A vertical bar with four segments of different colors: light cyan, light grey, light blue, and light cyan.

Original Color

99, 5.295, 188.095

Protanomaly

99, 0.697, 200.304

Deuteranomaly

99, 0.697, 200.304

Tritanomaly

99, 2.472, 211.413

Monochromacy

A vertical bar with three segments of different colors: light cyan, light grey, and light cyan.

Original Color

99, 5.295, 188.095

Achromatopsia

98, 0.011, 296.813

Achromatomaly

99, 2.155, 185.907

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 5.295, 188.095 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(240, 255, 253)` looks like.

```
.text, #text, p{  
    color:rgb(240, 255, 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(240, 255, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 255, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 5.295, 188.095 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(240, 255, 253) }
```

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

```
.border{ border-color:rgb(240, 255, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 255, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 255, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 255, 253);  
box-shadow:4px 4px 4px 4px rgb(240, 255,  
253) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 5.295, 188.095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 255, 253) }
```

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

```
.background{ background-color: rgb(240,  
255, 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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