

Converting Colors

CIELCh(100, 9.247, 174.255)

Have a look what the booklet for
CIELCh(100, 9.247, 174.255)
contains.

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Color

CIELCh(99, 6.633, 190.233)

Conversions

Conversions Part 1

Format	Color
Hex	EDFFFE
RGB	237, 255, 254
RGB Percent	93%, 100%, 100%
CMY	0.0701, 0.0000, 0.0034
CMYK	0.07, 0.00, 0.00, 0.00
HSL	177°, 100%, 96%
HSV	177°, 7%, 100%
XYZ	88.9994, 97.4360, 107.9940
YIQ	249.5040, -10.4070, -4.1270

Conversions

Conversions Part 2

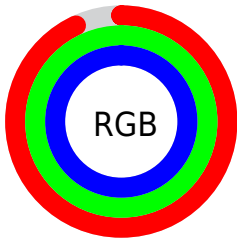
Format	Color
R _Y B	237, 246, 255
Decimal	15597566
CIE Lab	99.00, -6.53, -1.18
CIE LCh	99, 6.633, 190.233
Yxy	97.4360, 0.3023, 0.3309
Android (android.graphics.Color)	4293787646 (0xFFEDFFFE)
YUV	249.5040, 2.2165, -10.9660
Hunter-Lab	98.7097, -11.8014, 4.2301

Details

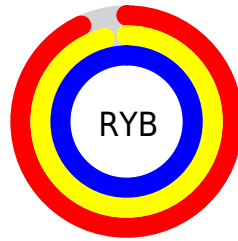
The CIELCh color **99, 6.633, 190.233** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **95, 6.424, 15.800**, and the grayscale version is **98, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **79, 6.144, 194.020** is the 20% darker color. If you saturate the color by 10%, you get **97, 14.608, 194.293**, and if you desaturate by 10%, it is **100, 0.012, 296.813**.

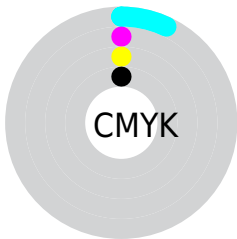
Distribution



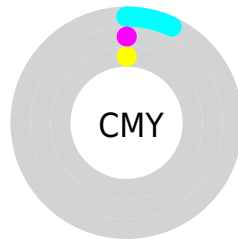
- Red (93%)
- Green (100%)
- Blue (100%)



- Red (93%)
- Yellow (96%)
- Blue (100%)



- Cyan (7%)
- Magenta (0%)
- Yellow (0%)
- Black (0%)



- Cyan (7%)
- Magenta (0%)
- Yellow (0%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 6.633, 190.233 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, 6.633, 190.233 by changing the saturation by 10% instead.

 99, 6.633, 190.233

 99, 6.633, 190.233

 100, 6.633,
190.233

 89, 6.633, 190.233

 79, 6.633, 190.233

 69, 6.633, 190.233

 59, 6.633, 190.233

 49, 6.633, 190.233

 39, 6.633, 190.233

 29, 6.633, 190.233

 19, 6.633, 190.233

 9, 6.633, 190.233

99, 6.633, 190.233

99, 6.633, 190.233

97, 14.608,
194.293

100, 0.012,
296.813

96, 22.494,
193.629

94, 29.676,
192.992

93, 36.007,
192.373

92, 41.357,
191.768

92, 45.634,
191.169

91, 48.795,
190.567

91, 50.872,
189.946

■ 91, 51.986,
189.296

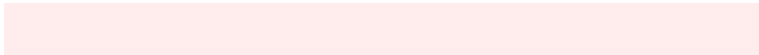
Harmonies

Complementary

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



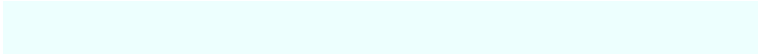
99, 6.633, 190.233



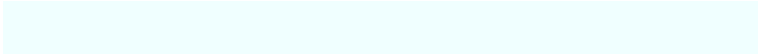
95, 6.424, 15.800

Rectangle

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



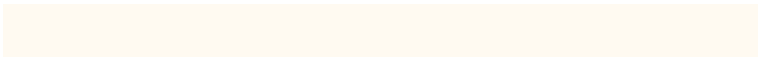
99, 6.633, 190.233



99, 6.633, 240.233



99, 6.633, 10.233



99, 6.633, 60.233

Sweetspot

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



99, 6.169, 195.017



100, 1.776, 195.617



98, 10.950, 142.744



53, 1.010, 195.643



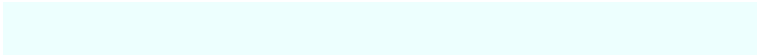
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

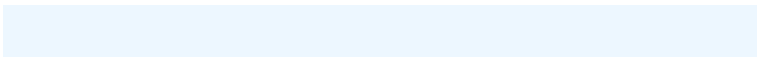
The Same Dimension uses a secret algorithm to generate beautiful new colors.



99, 6.169, 195.017



99, 7.024, 194.938



97, 5.276, 250.758



52, 4.975, 194.823



70, 42.024, 189.218



24, 19.228, 190.049

Inverse Universe

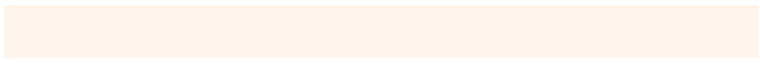
The Inverse Universe completely reimagines the original color for something new.



95, 6.424, 15.800



95, 7.357, 15.892



97, 5.386, 68.922



49, 5.258, 16.029



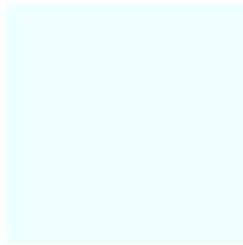
40, 82.182, 38.163



10, 32.977, 25.235

Previews

White Background



This preview shows how the CIELCh color 99, 6.633, 190.233 looks on a white background.

Color Contrast Check

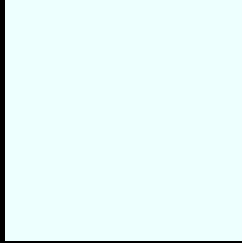
Large Text (above 18pt) WCAG AA × Fail

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, 6.633, 190.233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

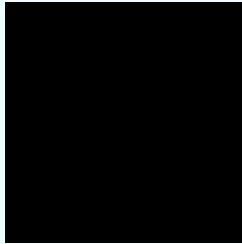
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 6.633, 190.233

Background



This preview shows how black text looks on a background with the CIELCh color 99, 6.633, 190.233.

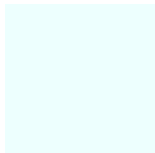


This preview shows how white text looks on a background with the CIELCh color 99, 6.633, 190.233.

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, 6.218, 194.410



Protanopia
99, 1.838, 3.095

Deuteranopia
99, 2.044, 349.329

Tritanopia
99, 2.151, 271.552

Trichromacy



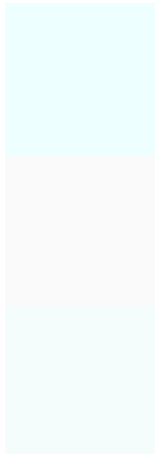
Original Color
99, 6.218, 194.410

Protanomaly
99, 1.392, 199.788

Deuteranomaly
99, 1.477, 219.961

Tritanomaly
99, 2.845, 232.046

Monochromacy



Original Color
99, 6.218, 194.410

Achromatopsia
98, 0.011, 296.813

Achromatomaly
98, 2.431, 199.520

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 6.633, 190.233 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(237, 255, 254)` looks like.

```
.text, #text, p{  
    color:rgb(237, 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(237, 255, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 255, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 6.633, 190.233 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(237, 255, 254) }
```

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

```
.border{ border-color:rgb(237, 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(237, 255, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 255, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 255, 254);  
box-shadow:4px 4px 4px 4px rgb(237, 255,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 6.633, 190.233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 255, 254) }
```

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

```
.background{ background-color: rgb(237,  
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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