

Converting Colors

CIELCh(99, 6.662, 163.224)

Have a look what the booklet for
CIELCh(99, 6.662, 163.224) contains.

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Color

CIELCh(99, 6.362, 165.064)

Conversions

Conversions Part 1

Format	Color
Hex	F1FFF9
RGB	241, 255, 249
RGB Percent	95%, 100%, 98%
CMY	0.0561, 0.0000, 0.0247
CMYK	0.06, 0.00, 0.02, 0.00
HSL	154°, 100%, 97%
HSV	154°, 6%, 100%
XYZ	89.2072, 97.4360, 103.4808
YIQ	250.1300, -6.4180, -4.8340

Conversions

Conversions Part 2

Format	Color
R _Y B	241, 250, 255
Decimal	15859705
CIE Lab	99.00, -6.15, 1.64
CIE LCh	99, 6.362, 165.064
Yxy	97.4360, 0.3075, 0.3358
Android (android.graphics.Color)	4294049785 (0xFFFF1FFF9)
YUV	250.1300, -0.5571, -8.0070
Hunter-Lab	98.7097, -11.4256, 6.9410

Details

The CIELCh color **99, 6.362, 165.064** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **96, 6.025, 347.394**, 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, 5.470, 169.870** is the 20% darker color. If you saturate the color by 10%, you get **97, 16.559, 165.604**, and if you desaturate by 10%, it is **100, 0.012, 296.813**.

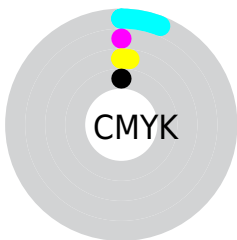
Distribution



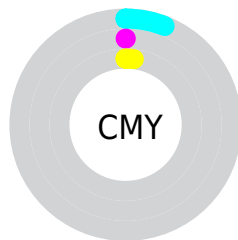
- Red (95%)
- Green (100%)
- Blue (98%)



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



- Cyan (6%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)



- Cyan (6%)
- Magenta (0%)
- Yellow (2%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 6.362, 165.064 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, 6.362, 165.064 by changing the saturation by 10% instead.

 99, 6.362, 165.064

 99, 6.362, 165.064

 100, 6.362,
165.064

 89, 6.362, 165.064

 79, 6.362, 165.064

 69, 6.362, 165.064

 59, 6.362, 165.064

 49, 6.362, 165.064

 39, 6.362, 165.064

 29, 6.362, 165.064

 19, 6.362, 165.064

 9, 6.362, 165.064

99, 6.362, 165.064

99, 6.362, 165.064

97, 16.559,
165.604

100, 0.012,
296.813

95, 27.003,
164.565

94, 37.132,
163.417


92, 46.766,
162.132

91, 55.724,
160.683

90, 63.838,
159.045

90, 70.986,
157.196

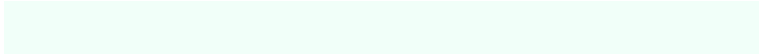
89, 77.117,
155.129

 89, 82.286,
152.861

Harmonies

Complementary

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



99, 6.362, 165.064



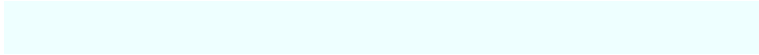
96, 6.025, 347.394

Rectangle

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



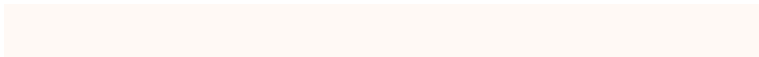
99, 6.362, 165.064



99, 6.362, 215.064



99, 6.362, 345.064



99, 6.362, 35.064

Sweetspot

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



99, 5.958, 166.588



100, 2.119, 167.060



99, 7.797, 130.578



53, 1.204, 167.081



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

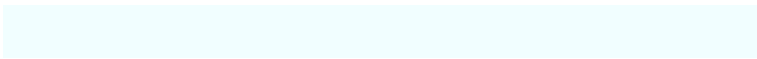
The Same Dimension uses a secret algorithm to generate beautiful new colors.



99, 5.958, 166.588



99, 7.436, 166.447



99, 4.688, 203.713



52, 4.832, 166.387



68, 67.363, 152.283



23, 29.162, 155.513

Inverse Universe

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



96, 6.025, 347.394



95, 7.533, 347.537



96, 4.859, 23.900



50, 4.899, 347.598



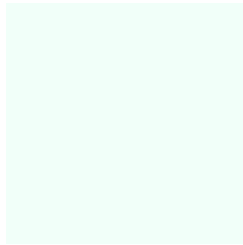
41, 68.016, 7.866



10, 31.437, 1.379

Previews

White Background



This preview shows how the CIELCh color 99, 6.362, 165.064 looks on a white background.

Color Contrast Check

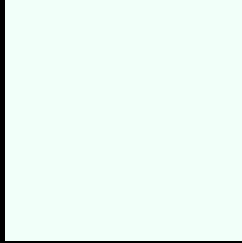
Large Text (above 18pt) WCAG AA × Fail

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, 6.362, 165.064 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

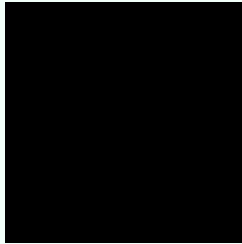
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 6.362, 165.064

Background



This preview shows how black text looks on a background with the CIELCh color 99, 6.362, 165.064.



This preview shows how white text looks on a background with the CIELCh color 99, 6.362, 165.064.

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, 5.784, 167.298

Protanopia

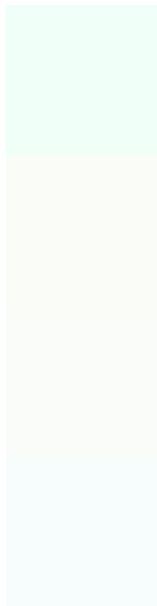
99, 2.059, 66.765

Deuteranopia

99, 1.838, 3.095

Tritanopia
99, 2.071, 280.717

Trichromacy



Original Color
99, 5.784, 167.298

Protanomaly
99, 2.149, 129.065

Deuteranomaly
99, 1.233, 144.647

Tritanomaly
99, 1.805, 216.067

Monochromacy



Original Color
99, 5.784, 167.298

Achromatopsia
98, 0.011, 296.813

Achromatomaly
99, 2.027, 169.499

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 6.362, 165.064 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(241, 255, 249)` looks like.

```
.text, #text, p{  
    color:rgb(241, 255, 249)  
}
```

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(241, 255, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 255, 249) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 6.362, 165.064 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(241, 255, 249) }
```

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

```
.border{ border-color:rgb(241, 255, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 255, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 255, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 255, 249);  
box-shadow:4px 4px 4px 4px rgb(241, 255,  
249) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 6.362, 165.064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 255, 249) }
```

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

```
.background{ background-color: rgb(241,  
255, 249) }
```

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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