

Converting Colors

CIELCh(99, 6.857, 189.881)

Have a look what the booklet for
CIELCh(99, 6.857, 189.881) contains.

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Color

CIE LCh(99, 6.218, 194.410)

Conversions

Conversions Part 1

Format	Color
Hex	EEFFFF
RGB	238, 255, 255
RGB Percent	93%, 100%, 100%
CMY	0.0672, 0.0000, 0.0005
CMYK	0.07, 0.00, 0.00, 0.00
HSL	180°, 100%, 97%
HSV	180°, 7%, 100%
XYZ	89.2754, 97.4360, 108.5946
YIQ	249.9170, -10.1320, -3.6040

Conversions

Conversions Part 2

Format	Color
R _Y B	238, 247, 255
Decimal	15663103
CIE Lab	99.00, -6.02, -1.55
CIE LCh	99, 6.218, 194.410
Yxy	97.4360, 0.3023, 0.3299
Android (android.graphics.Color)	4293853183 (0xFFEEFFFF)
YUV	249.9170, 2.5059, -10.4512
Hunter-Lab	98.7097, -11.3023, 3.8694

Details

The CIELCh color **99, 6.218, 194.410** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **95, 6.144, 19.078**, 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, 5.746, 199.061** is the 20% darker color. If you saturate the color by 10%, you get **97, 14.268, 197.864**, and if you desaturate by 10%, it is **100, 0.012, 296.813**.

Distribution



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



- Red (93%)
- Yellow (97%)
- 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, 6.218, 194.410 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, 6.218, 194.410 by changing the saturation by 10% instead.

 99, 6.218, 194.410

 99, 6.218, 194.410

 100, 6.218,
194.410

 89, 6.218, 194.410

 79, 6.218, 194.410

 69, 6.218, 194.410

 59, 6.218, 194.410

 49, 6.218, 194.410

 39, 6.218, 194.410

 29, 6.218, 194.410

 19, 6.218, 194.410

 9, 6.218, 194.410

99, 6.218, 194.410

99, 6.218, 194.410

97, 14.268,
197.864

100, 0.012,
296.813

96, 22.054,
197.340

94, 29.100,
196.871


93, 35.266,
196.458

93, 40.428,
196.103

92, 44.501,
195.804

91, 47.453,
195.561

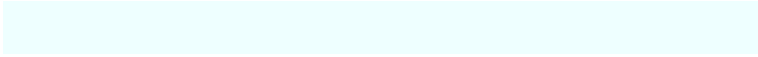
91, 49.321,
195.367

 91, 50.229,
195.213

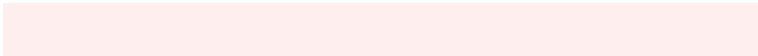
Harmonies

Complementary

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



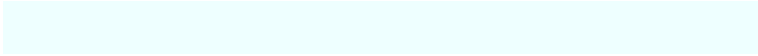
99, 6.218, 194.410



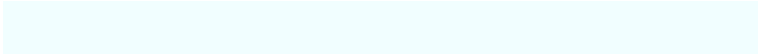
95, 6.144, 19.078

Rectangle

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



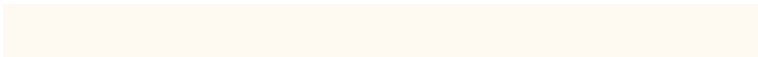
99, 6.218, 194.410



99, 6.218, 244.410



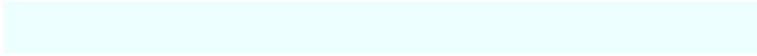
99, 6.218, 14.410



99, 6.218, 64.410

Sweetspot

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



99, 5.892, 198.478



100, 1.770, 199.010



98, 10.613, 143.646



53, 1.007, 199.035



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

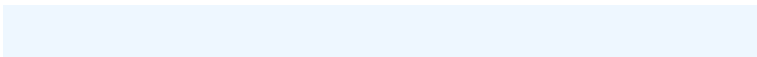
The Same Dimension uses a secret algorithm to generate beautiful new colors.



99, 5.892, 198.478



99, 6.989, 198.388



97, 5.176, 254.529



52, 4.948, 198.289



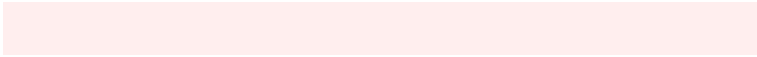
70, 40.596, 195.188



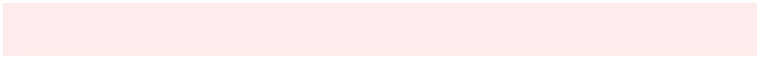
24, 18.663, 195.331

Inverse Universe

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



95, 6.144, 19.078



94, 7.348, 19.186



97, 5.258, 72.697



49, 5.253, 19.309



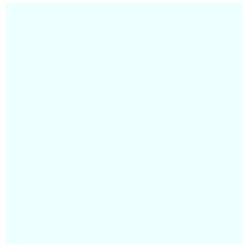
40, 83.868, 39.689



10, 33.302, 26.865

Previews

White Background



This preview shows how the CIE LCh color 99, 6.218, 194.410 looks on a white background.

Color Contrast Check

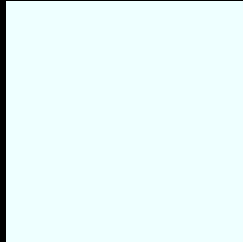
Large Text (above 18pt) WCAG AA × Fail

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, 6.218, 194.410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

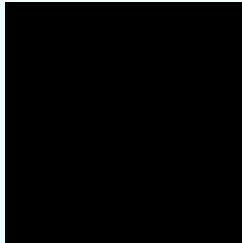
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 99, 6.218, 194.410

Background



This preview shows how black text looks on a background with the CIELCh color 99, 6.218, 194.410.

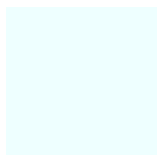


This preview shows how white text looks on a background with the CIELCh color 99, 6.218, 194.410.

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, 5.840, 199.149



Protanopia

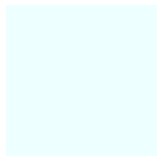
99, 2.044, 349.329

Deuteranopia

99, 2.044, 349.329

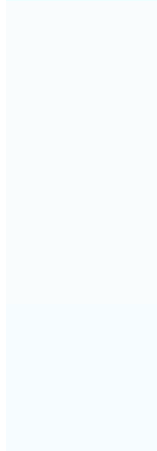
Tritanopia
99, 2.071, 280.717

Trichromacy



Original Color

99, 5.840, 199.149



Protanomaly

99, 1.159, 226.031

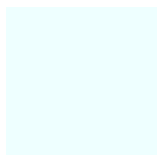
Deuteranomaly

99, 1.159, 226.031

Tritanomaly

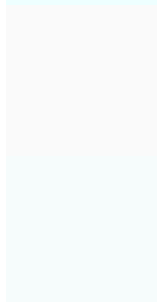
99, 2.563, 236.219

Monochromacy



Original Color

99, 5.840, 199.149



Achromatopsia

98, 0.011, 296.813

Achromatomaly

99, 2.086, 199.587

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 6.218, 194.410 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(238, 255, 255)` looks like.

```
.text, #text, p{  
    color:rgb(238, 255, 255)  
}
```

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(238, 255, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 255, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 6.218, 194.410 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(238, 255, 255) }
```

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

```
.border{ border-color:rgb(238, 255, 255) }
```

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

Here you see how a box with a 4 pixel rgb(238, 255, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 255, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 255, 255);  
box-shadow:4px 4px 4px 4px rgb(238, 255,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 6.218, 194.410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 255, 255) }
```

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

```
.background{ background-color: rgb(238,  
255, 255) }
```

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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