

Converting Colors

CIELCh(99, 6.082, 109.708)

Have a look what the booklet for
CIELCh(99, 6.082, 109.708) contains.

CIELCh(99, 6.082, 109.708)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(99, 6.082, 109.708)

Conversions

Conversions Part 1

Format	Color
Hex	FDFDF1
RGB	253, 253, 241
RGB Percent	99%, 99%, 95%
CMY	0.0081, 0.0080, 0.0551
CMYK	0.00, 0.00, 0.05, 0.01
HSL	60°, 75%, 97%
HSV	60°, 5%, 99%
XYZ	91.4652, 97.4360, 97.1631
YIQ	251.6320, 3.8520, -3.7320

Conversions

Conversions Part 2

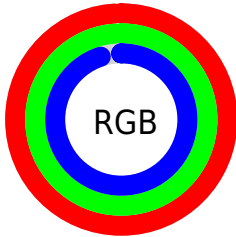
Format	Color
R _Y B	241, 253, 241
Decimal	16645617
CIE Lab	99.00, -2.05, 5.73
CIE LCh	99, 6.082, 109.708
Yxy	97.4360, 0.3197, 0.3406
Android (android.graphics.Color)	4294835697 (0xFFFFDFDF1)
YUV	251.6320, -5.2416, 1.1997
Hunter-Lab	98.7097, -7.3424, 10.7357

Details

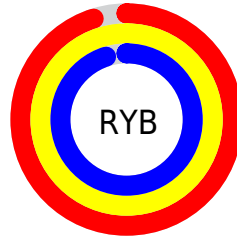
The CIELCh color 99, 6.082, 109.708 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 95, 6.168, 290.680, and the grayscale version is 99, 0.012, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 79, 5.850, 109.633 is the 20% darker color. If you saturate the color by 10%, you get 98, 18.885, 108.757, and if you desaturate by 10%, it is 99, 1.053, 290.429.

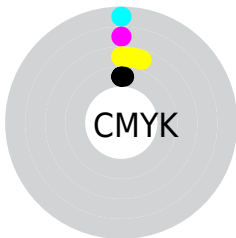
Distribution



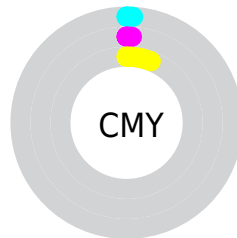
- Red (99%)
- Green (99%)
- Blue (95%)



- Red (95%)
- Yellow (99%)
- Blue (95%)



- Cyan (0%)
- Magenta (0%)
- Yellow (5%)
- Black (1%)



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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 99, 6.082, 109.708 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, 6.082, 109.708 by changing the saturation by 10% instead.

 99, 6.082, 109.708

 99, 6.082, 109.708

 100, 6.082,
109.708

 89, 6.082, 109.708

 79, 6.082, 109.708

 69, 6.082, 109.708

 59, 6.082, 109.708

 49, 6.082, 109.708

 39, 6.082, 109.708

 29, 6.082, 109.708

 19, 6.082, 109.708

 9, 6.082, 109.708

99, 6.082, 109.708

99, 6.082, 109.708

98, 18.885,
108.757

99, 1.053, 290.429

99, 1.053, 290.621

98, 31.561,
107.779

99, 1.053, 290.813

98, 43.991,
106.814

99, 1.053, 291.004

97, 55.992,
105.884

99, 1.053, 291.195

99, 1.053, 291.387

97, 67.278,
105.019

99, 1.053, 291.578

97, 77.426,
104.253

99, 1.053, 291.770

99, 1.053, 291.961

97, 85.868,
103.628

97, 91.987,
103.185

■ 96, 95.389,
102.942

Harmonies

Complementary

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



99, 6.082, 109.708



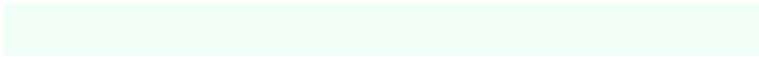
95, 6.168, 290.680

Rectangle

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



99, 6.082, 109.708



99, 6.082, 159.708



99, 6.082, 289.708



99, 6.082, 339.708

Sweetspot

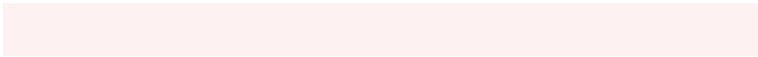
The Sweet Spot groups the original color and five complimentary colors.



99, 6.084, 109.724



100, 1.282, 110.038



96, 4.275, 19.542



53, 0.729, 110.039



0, 0.000, 0.000



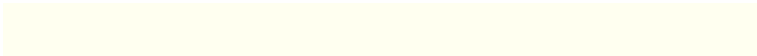
53, 0.007, 296.813

Same Dimension

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



99, 6.084, 109.724



100, 7.745, 109.604



99, 6.474, 128.882



53, 5.137, 109.542



75, 78.056, 102.877



26, 35.525, 103.016

Inverse Universe

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



95, 6.168, 290.680



95, 7.867, 290.809



96, 6.535, 309.257



50, 5.224, 290.878



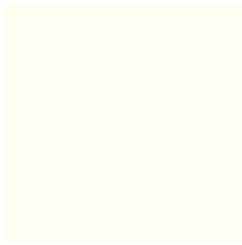
23, 107.779, 306.288



3, 44.128, 301.767

Previews

White Background



This preview shows how the CIE LCh color 99, 6.082, 109.708 looks on a white background.

Color Contrast Check

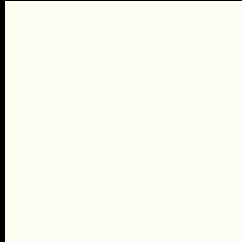
Large Text (above 18pt) WCAG AA × Fail

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, 6.082, 109.708 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

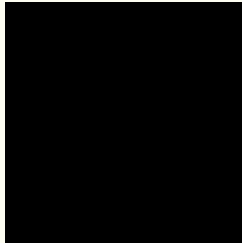
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

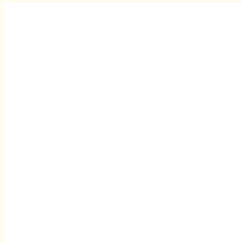
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 99, 6.082, 109.708

Background



This preview shows how black text looks on a background with the CIELCh color 99, 6.082, 109.708.



This preview shows how white text looks on a background with the CIELCh color 99, 6.082, 109.708.

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, 6.082, 109.708

Protanopia
99, 2.732, 87.135

Deuteranopia
99, 1.406, 19.030

Tritanopia
99, 1.581, 303.066

Trichromacy



Original Color

99, 6.082, 109.708

Protanomaly

99, 3.609, 98.572

Deuteranomaly

99, 2.619, 94.320

Tritanomaly

99, 1.061, 90.708

Monochromacy



Original Color

99, 6.082, 109.708



Achromatopsia

99, 0.012, 296.813

Achromatomaly

99, 2.022, 109.988

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 99, 6.082, 109.708 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(253, 253, 241)` looks like.

```
.text, #text, p{  
    color:rgb(253, 253, 241)  
}
```

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(253, 253, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 253, 241) }
```

Border

The CSS property to change the border of an element to CIELCh 99, 6.082, 109.708 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(253, 253, 241) }
```

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

```
.border{ border-color:rgb(253, 253, 241) }
```

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

Here you see how a box with a 4 pixel rgb(253, 253, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 253, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 253, 241);  
box-shadow:4px 4px 4px 4px rgb(253, 253,  
241) }
```

Background

The CSS property to change the background color of an element to CIELCh 99, 6.082, 109.708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 253, 241) }
```

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

```
.background{ background-color: rgb(253,  
253, 241) }
```

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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