

Converting Colors

CIELCh(78, 6.757, 101.477)

Have a look what the booklet for
CIELCh(78, 6.757, 101.477) contains.

CIELCh(78, 6.489, 99.521)	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(78, 6.489, 99.521)

Conversions

Conversions Part 1

Format	Color
Hex	C4C1B5
RGB	196, 193, 181
RGB Percent	77%, 76%, 71%
CMY	0.2314, 0.2431, 0.2902
CMYK	0.00, 0.02, 0.08, 0.23
HSL	48°, 11%, 74%
HSV	48°, 8%, 77%
XYZ	50.1755, 53.2120, 51.3428
YIQ	192.5290, 5.6400, -3.0960

Conversions

Conversions Part 2

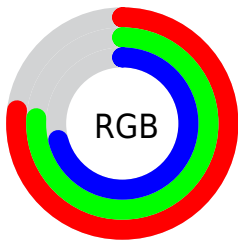
Format	Color
RYB	185, 196, 181
Decimal	12894645
CIELab	78.00, -1.07, 6.40
CIElCh	78, 6.489, 99.521
Yxy	53.2120, 0.3243, 0.3439
Android (android.graphics.Color)	4291084725 (0xFFC4C1B5)
YUV	192.5290, -5.6838, 3.0441
Hunter-Lab	72.9466, -4.8771, 9.3318

Details

The CIELCh color **78, 6.489, 99.521** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75, 6.557, 281.337**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 6.252, 96.449**, and **58, 6.831, 102.585** is the 20% darker color. If you saturate the color by 10%, you get **77, 15.040, 98.396**, and if you desaturate by 10%, it is **80, 1.994, 280.754**.

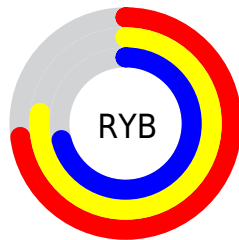
Distribution



Red (77%)

Green (76%)

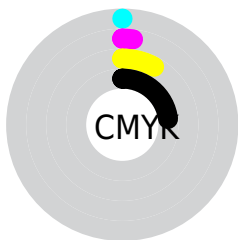
Blue (71%)



Red (73%)

Yellow (77%)

Blue (71%)

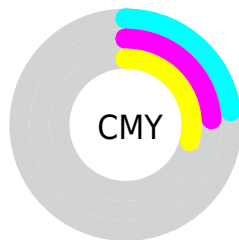


Cyan (0%)

Magenta (2%)

Yellow (8%)

Black (23%)



Cyan (23%)

Magenta (24%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 6.489, 99.521 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 78, 6.489, 99.521 by changing the saturation by 10% instead.

 78, 6.489, 99.521  78, 6.489, 99.521

 100, 6.489, 99.521  68, 6.489, 99.521

 98, 6.489, 99.521  58, 6.489, 99.521

 48, 6.489, 99.521

 38, 6.489, 99.521

 28, 6.489, 99.521

 18, 6.489, 99.521

 8, 6.489, 99.521

 0, 6.489, 99.521

 78, 6.489, 99.521  78, 6.489, 99.521

77, 15.040, 98.396

80, 1.994, 280.754

75, 23.622, 97.214

81, 10.398,
281.766

74, 32.178, 96.005

83, 18.713,
282.787

72, 40.602, 94.777

71, 48.707, 93.535

84, 24.662,
282.675

70, 56.184, 92.279

85, 22.792,
278.404

69, 62.556, 90.994

68, 67.188, 89.645

86, 21.068,
273.436

67, 69.627, 88.173

87, 19.527,
267.673

88, 18.212,
261.043

89, 17.170,
253.543

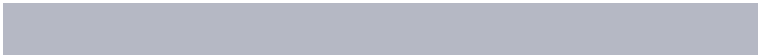
Harmonies

Complementary

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



78, 6.489, 99.521



75, 6.557, 281.337

Rectangle

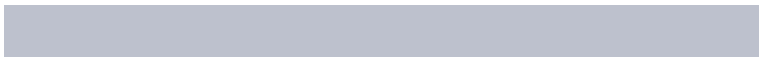
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78, 6.489, 99.521



78, 6.489, 149.521



78, 6.489, 279.521



78, 6.489, 329.521

Sweetspot

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



78, 6.491, 99.536



100, 2.087, 100.102



75, 5.871, 3.869



53, 1.186, 100.109



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



78, 6.491, 99.536



98, 9.459, 99.371



78, 8.178, 121.376



40, 4.769, 99.346



55, 60.552, 88.076



10, 14.513, 92.997

Inverse Universe

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



75, 6.557, 281.337



94, 9.566, 281.520



74, 8.308, 302.242



38, 4.823, 281.548



22, 82.109, 302.168



2, 16.769, 285.109

Previews

White Background



This preview shows how the CIELCh color 78, 6.489, 99.521 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 78, 6.489, 99.521 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

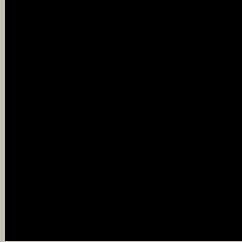
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

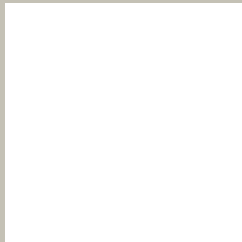
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 6.489, 99.521

Background



This preview shows how black text looks on a background with the CIELCh color 78, 6.489, 99.521.



This preview shows how white text looks on a background with the CIELCh color 78, 6.489, 99.521.

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

78, 6.489, 99.521

Protanopia

78, 6.916, 86.985

Deuteranopia

78, 11.319, 31.050



Tritanopia
78, 8.221, 314.159

Trichromacy



Original Color
78, 6.489, 99.521

Protanomaly
78, 6.781, 89.970

Deuteranomaly
78, 8.144, 47.069

Tritanomaly
78, 3.739, 333.861

Monochromacy



Original Color
78, 6.489, 99.521

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 2.156, 100.046

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 6.489, 99.521 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(196, 193, 181)` looks like.

```
.text, #text, p{  
    color:rgb(196, 193, 181)  
}
```

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(196, 193, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 193, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 6.489, 99.521 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(196, 193, 181) }
```

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

```
.border{ border-color:rgb(196, 193, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 193, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 193, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 193, 181);  
box-shadow:4px 4px 4px 4px rgb(196, 193,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 6.489, 99.521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 193, 181) }
```

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

```
.background{ background-color: rgb(196,  
193, 181) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor