

Converting Colors

CIELCh(77, 6.927, 141.792)

Have a look what the booklet for
CIELCh(77, 6.927, 141.792) contains.

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Color

CIELCh(77, 6.999, 141.715)

Conversions

Conversions Part 1

Format	Color
Hex	B7C1B6
RGB	183, 193, 182
RGB Percent	72%, 76%, 71%
CMY	0.2827, 0.2435, 0.2866
CMYK	0.05, 0.00, 0.06, 0.24
HSL	115°, 8%, 73%
HSV	115°, 6%, 76%
XYZ	46.9931, 51.5317, 51.6790
YIQ	188.7560, -2.4290, -5.5410

Conversions

Conversions Part 2

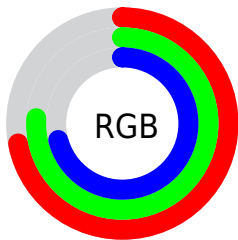
Format	Color
RYB	182, 193, 192
Decimal	12042678
CIELab	77.00, -5.49, 4.34
CIELCh	77, 6.999, 141.715
Yxy	51.5317, 0.3129, 0.3431
Android (android.graphics.Color)	4290232758 (0xFFB7C1B6)
YUV	188.7560, -3.3307, -5.0480
Hunter-Lab	71.7856, -8.7732, 7.5666

Details

The CIELCh color **77, 6.999, 141.715** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75, 7.025, 322.215**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 6.664, 141.787**, and **57, 7.438, 141.602** is the 20% darker color. If you saturate the color by 10%, you get **75, 19.397, 141.127**, and if you desaturate by 10%, it is **79, 5.247, 322.126**.

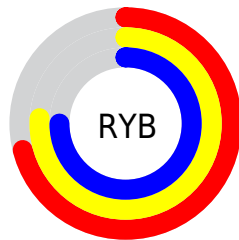
Distribution



Red (72%)

Green (76%)

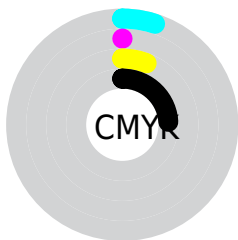
Blue (71%)



Red (71%)

Yellow (76%)

Blue (75%)

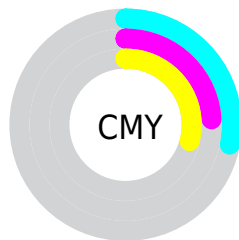


Cyan (5%)

Magenta (0%)

Yellow (6%)

Black (24%)



Cyan (28%)

Magenta (24%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 6.999, 141.715 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 77, 6.999, 141.715 by changing the saturation by 10% instead.

■ 77, 6.999, 141.715

■ 77, 6.999, 141.715

■ 100, 6.999,
141.715

■ 67, 6.999, 141.715

■ 97, 6.999, 141.715

■ 57, 6.999, 141.715

■ 47, 6.999, 141.715

■ 37, 6.999, 141.715

■ 27, 6.999, 141.715

■ 17, 6.999, 141.715

■ 7, 6.999, 141.715

■ 0, 6.999, 141.715

■ 77, 6.999, 141.715

■ 77, 6.999, 141.715

75, 19.397,
141.127

79, 5.247, 322.126

74, 31.809,
140.464

81, 17.257,
322.571

72, 44.058,
139.713

83, 28.971,
322.928

71, 55.902,
138.881

85, 38.597,
324.896

70, 67.024,
137.998

85, 38.934,
325.776

70, 77.022,
137.125

69, 85.407,
136.367

69, 91.667,
135.854

68, 95.458,

135.689

Harmonies

Complementary

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



77, 6.999, 141.715



75, 7.025, 322.215

Rectangle

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



77, 6.999, 141.715



77, 6.999, 191.715



77, 6.999, 321.715



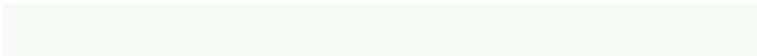
77, 6.999, 11.715

Sweetspot

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



77, 7.001, 141.716



98, 3.015, 141.964



77, 5.299, 105.199



52, 1.713, 141.974



99, 0.012, 296.813



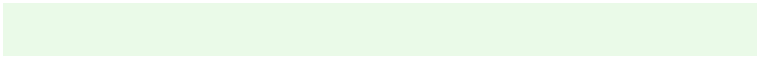
52, 0.007, 296.813

Same Dimension

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



77, 7.001, 141.716



97, 10.616, 141.635



77, 5.412, 158.273



40, 5.597, 141.613



58, 84.248, 135.551



10, 23.687, 142.368

Inverse Universe

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



75, 7.025, 322.215



94, 10.650, 322.290



75, 5.448, 338.989



39, 5.614, 322.310



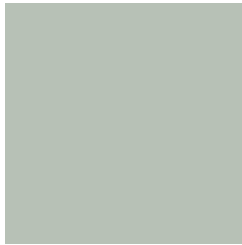
35, 82.279, 324.738



4, 23.103, 322.356

Previews

White Background



This preview shows how the CIELCh color 77, 6.999, 141.715 looks on a white background.

Color Contrast Check

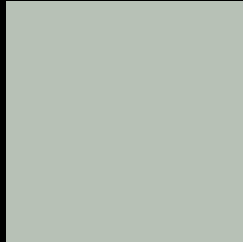
Large Text (above 18pt) WCAG AA × Fail

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 77, 6.999, 141.715 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

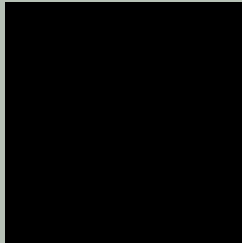
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

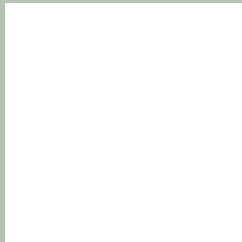
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 6.999, 141.715

Background



This preview shows how black text looks on a background with the CIELCh color 77, 6.999, 141.715.



This preview shows how white text looks on a background with the CIELCh color 77, 6.999, 141.715.

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

77, 6.999, 141.715

Protanopia

77, 5.480, 80.792

Deuteranopia

77, 9.881, 20.165



Tritanopia
77, 8.155, 280.895

Trichromacy



Original Color
77, 6.999, 141.715

Protanomaly
77, 4.824, 105.246

Deuteranomaly
77, 5.346, 43.242

Tritanomaly
77, 3.853, 256.278

Monochromacy



Original Color
77, 6.999, 141.715

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 2.421, 137.284

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 6.999, 141.715 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(183, 193, 182)` looks like.

```
.text, #text, p{  
    color:rgb(183, 193, 182)  
}
```

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(183, 193, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 193, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 6.999, 141.715 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(183, 193, 182) }
```

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

```
.border{ border-color:rgb(183, 193, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 193, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 193, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 193, 182);  
box-shadow:4px 4px 4px 4px rgb(183, 193,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 6.999, 141.715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 193, 182) }
```

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

```
.background{ background-color: rgb(183,  
193, 182) }
```

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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