

Converting Colors

CIELCh(75, 7.835, 142.336)

Have a look what the booklet for
CIELCh(75, 7.835, 142.336) contains.

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Color

CIELCh(75, 7.906, 144.110)

Conversions

Conversions Part 1

Format	Color
Hex	B0BCB0
RGB	176, 188, 176
RGB Percent	69%, 74%, 69%
CMY	0.3102, 0.2631, 0.3102
CMYK	0.06, 0.00, 0.06, 0.26
HSL	120°, 8%, 71%
HSV	120°, 6%, 74%
XYZ	43.6755, 48.2781, 48.0444
YIQ	183.0440, -3.3000, -6.2760

Conversions

Conversions Part 2

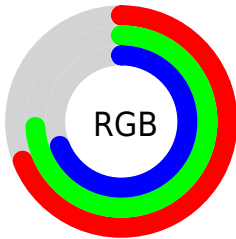
Format	Color
RYB	176, 188, 188
Decimal	11582640
CIELab	75.00, -6.40, 4.63
CIElCh	75, 7.906, 144.110
Yxy	48.2781, 0.3120, 0.3448
Android (android.graphics.Color)	4289772720 (0xFFB0BCB0)
YUV	183.0440, -3.4727, -6.1776
Hunter-Lab	69.4824, -9.3922, 7.6410

Details

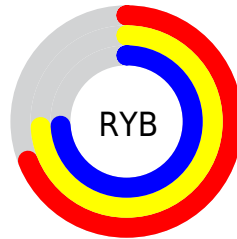
The CIELCh color **75, 7.906, 144.110** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73, 7.925, 324.758**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 7.519, 144.201**, and **55, 7.948, 146.282** is the 20% darker color. If you saturate the color by 10%, you get **73, 20.414, 143.441**, and if you desaturate by 10%, it is **77, 4.447, 324.575**.

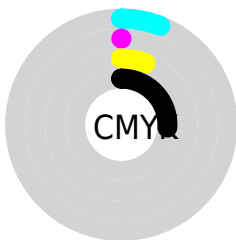
Distribution



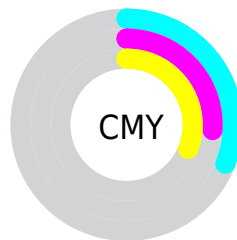
- Red (69%)
- Green (74%)
- Blue (69%)



- Red (69%)
- Yellow (74%)
- Blue (74%)



- Cyan (6%)
- Magenta (0%)
- Yellow (6%)
- Black (26%)



- Cyan (31%)
- Magenta (26%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 7.906, 144.110 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 75, 7.906, 144.110 by changing the saturation by 10% instead.

■ 75, 7.906, 144.110

■ 75, 7.906, 144.110

■ 100, 7.906,
144.110

■ 65, 7.906, 144.110

■ 95, 7.906, 144.110

■ 55, 7.906, 144.110

■ 45, 7.906, 144.110

■ 35, 7.906, 144.110

■ 25, 7.906, 144.110

■ 15, 7.906, 144.110

■ 5, 7.906, 144.110

■ 0, 7.906, 144.110

■ 75, 7.906, 144.110

■ 75, 7.906, 144.110

73, 20.414,
143.441

77, 4.447, 324.575

72, 32.915,
142.673

79, 16.545,
325.082

70, 45.199,
141.787

81, 28.317,
325.483

69, 56.987,
140.784

84, 39.723,
325.820

68, 67.928,
139.687

84, 42.057,
325.883

68, 77.596,
138.558

67, 85.504,
137.502

67, 91.173,
136.662

67, 94.363,

Harmonies

Complementary

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



75, 7.906, 144.110



73, 7.925, 324.758

Rectangle

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



75, 7.906, 144.110



75, 7.906, 194.110



75, 7.906, 324.110



75, 7.906, 14.110

Sweetspot

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



75, 7.908, 144.110



96, 3.052, 144.429



76, 6.434, 109.562



51, 1.734, 144.440



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



75, 7.908, 144.110



95, 12.297, 143.998



75, 5.520, 163.199



39, 7.057, 143.918



57, 83.795, 136.016



9, 21.678, 144.392

Inverse Universe

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



73, 7.925, 324.758



92, 12.318, 324.859



73, 5.574, 344.103



37, 7.068, 324.929



37, 80.847, 328.234



3, 21.489, 325.461

Previews

White Background



This preview shows how the CIELCh color 75, 7.906, 144.110 looks on a white background.

Color Contrast Check

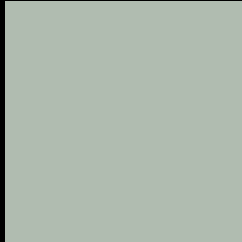
Large Text (above 18pt) WCAG AA × Fail

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 75, 7.906, 144.110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

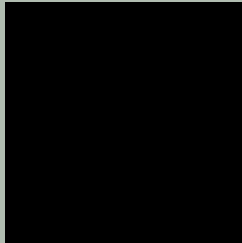
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

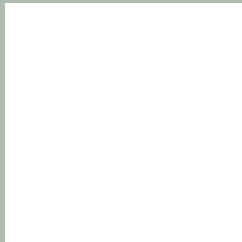
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 7.906, 144.110

Background



This preview shows how black text looks on a background with the CIELCh color 75, 7.906, 144.110.



This preview shows how white text looks on a background with the CIELCh color 75, 7.906, 144.110.

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

75, 7.906, 144.110

Protanopia

75, 5.829, 86.554

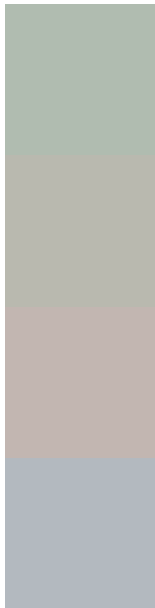
Deuteranopia

75, 10.339, 20.228



Tritanopia
75, 8.203, 280.928

Trichromacy



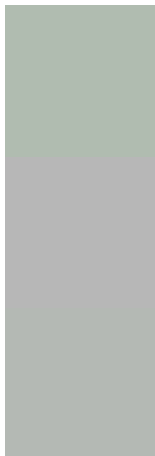
Original Color
75, 7.906, 144.110

Protanomaly
75, 5.376, 109.655

Deuteranomaly
75, 5.284, 50.191

Tritanomaly
75, 3.875, 256.299

Monochromacy



Original Color
75, 7.906, 144.110

Achromatopsia
74, 0.009, 296.813

Achromatomaly
75, 3.290, 144.367

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 7.906, 144.110 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(176, 188, 176)` looks like.

```
.text, #text, p{  
    color:rgb(176, 188, 176)  
}
```

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(176, 188, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 188, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 7.906, 144.110 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(176, 188, 176) }
```

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

```
.border{ border-color:rgb(176, 188, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 188, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 188, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 188, 176);  
box-shadow:4px 4px 4px 4px rgb(176, 188,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 7.906, 144.110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 188, 176) }
```

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

```
.background{ background-color: rgb(176,  
188, 176) }
```

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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