

Converting Colors

CIELCh(75, 7.074, 172.210)

Have a look what the booklet for
CIELCh(75, 7.074, 172.210) contains.

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Color

CIELCh(75, 6.823, 175.611)

Conversions

Conversions Part 1

Format	Color
Hex	ABBCB7
RGB	171, 188, 183
RGB Percent	67%, 74%, 72%
CMY	0.3278, 0.2611, 0.2808
CMYK	0.09, 0.00, 0.03, 0.26
HSL	162°, 11%, 71%
HSV	162°, 9%, 74%
XYZ	43.5405, 48.2781, 52.0436
YIQ	182.3470, -8.5270, -5.1590

Conversions

Conversions Part 2

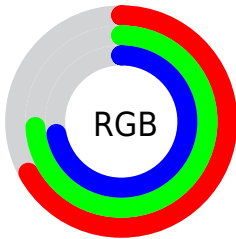
Format	Color
RYB	171, 181, 188
Decimal	11254967
CIELab	75.00, -6.80, 0.52
CIELCh	75, 6.823, 175.611
Yxy	48.2781, 0.3027, 0.3356
Android (android.graphics.Color)	4289445047 (0xFFABBCB7)
YUV	182.3470, 0.3219, -9.9513
Hunter-Lab	69.4824, -9.7390, 4.2285

Details

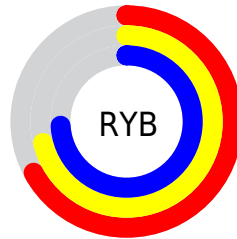
The CIELCh color `75, 6.823, 175.611` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `72, 7.007, 357.145`, and the grayscale version is `74, 0.009, 296.813`.

A 20% lighter version of the original color is `95, 6.823, 176.921`, and `55, 6.888, 174.090` is the 20% darker color. If you saturate the color by 10%, you get `74, 14.249, 174.596`, and if you desaturate by 10%, it is `77, 0.744, 355.827`.

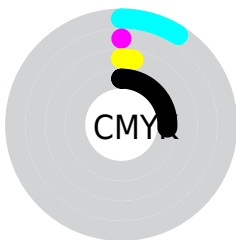
Distribution



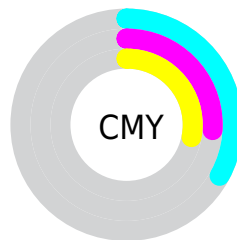
- Red (67%)
- Green (74%)
- Blue (72%)



- Red (67%)
- Yellow (71%)
- Blue (74%)



- Cyan (9%)
- Magenta (0%)
- Yellow (3%)
- Black (26%)



- Cyan (33%)
- Magenta (26%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 6.823, 175.611 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, 6.823, 175.611 by changing the saturation by 10% instead.

■ 75, 6.823, 175.611

■ 75, 6.823, 175.611

■ 100, 6.823,
175.611

■ 65, 6.823, 175.611

■ 95, 6.823, 175.611

■ 55, 6.823, 175.611

■ 45, 6.823, 175.611

■ 35, 6.823, 175.611

■ 25, 6.823, 175.611

■ 15, 6.823, 175.611

■ 5, 6.823, 175.611

■ 0, 6.823, 175.611

■ 75, 6.823, 175.611

■ 75, 6.823, 175.611

74, 14.249,
174.596

77, 0.744, 355.827

72, 21.423,
173.539

78, 8.368, 357.244

71, 28.227,
172.394

80, 15.977,
358.081

70, 34.536,
171.140

82, 23.515,
358.861

70, 40.229,
169.753

83, 27.316,
355.944

69, 45.208,
168.207

83, 28.490,
350.534

68, 49.411,
166.480

83, 29.914,
345.621

68, 52.837,
164.557

83, 31.554,
341.213

68, 55.623,

84, 33.375,
337.293

Harmonies

Complementary

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



75, 6.823, 175.611



72, 7.007, 357.145

Rectangle

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



75, 6.823, 175.611



75, 6.823, 225.611



75, 6.823, 355.611



75, 6.823, 45.611

Sweetspot

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



75, 6.825, 175.602



96, 2.812, 176.284



75, 10.229, 135.367



51, 2.131, 176.169



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, 6.825, 175.602



94, 10.269, 175.386



74, 5.218, 219.828



39, 4.288, 175.569



58, 48.846, 162.595



9, 14.176, 168.517

Inverse Universe

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



72, 7.007, 357.145



89, 10.608, 357.375



72, 5.516, 39.214



37, 4.407, 357.179



33, 61.270, 20.880



3, 12.825, 2.959

Previews

White Background



This preview shows how the CIELCh color 75, 6.823, 175.611 looks on a white background.

Color Contrast Check

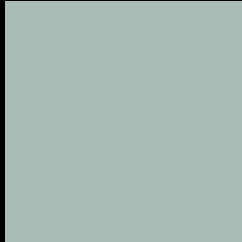
Large Text (above 18pt) WCAG AA × Fail

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 75, 6.823, 175.611 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

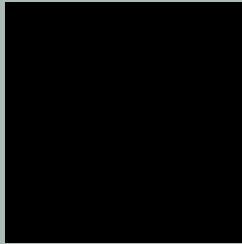
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

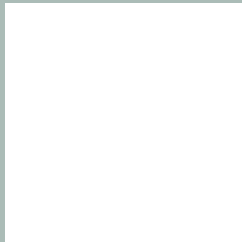
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 6.823, 175.611

Background



This preview shows how black text looks on a background with the CIELCh color 75, 6.823, 175.611.

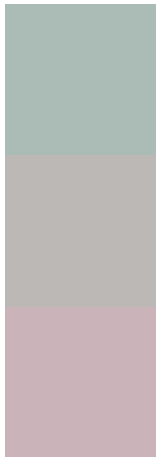


This preview shows how white text looks on a background with the CIELCh color 75, 6.823, 175.611.

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, 6.823, 175.611

Protanopia

75, 2.188, 66.727

Deuteranopia

75, 9.257, 359.774



Tritanopia
75, 9.046, 263.066

Trichromacy



Original Color
75, 6.823, 175.611

Protanomaly
75, 2.626, 144.417

Deuteranomaly
75, 3.545, 1.863

Tritanomaly
75, 6.531, 240.662

Monochromacy



Original Color
75, 6.823, 175.611

Achromatopsia
74, 0.009, 296.813

Achromatomaly
75, 2.476, 173.580

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 6.823, 175.611 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(171, 188, 183)` looks like.

```
.text, #text, p{  
    color:rgb(171, 188, 183)  
}
```

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(171, 188, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 188, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 6.823, 175.611 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(171, 188, 183) }
```

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

```
.border{ border-color:rgb(171, 188, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 188, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 188, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 188, 183);  
box-shadow:4px 4px 4px 4px rgb(171, 188,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 6.823, 175.611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 188, 183) }
```

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

```
.background{ background-color: rgb(171,  
188, 183) }
```

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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