

Converting Colors

CIELCh(75, 6.956, 189.536)

Have a look what the booklet for
CIELCh(75, 6.956, 189.536) contains.

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Color

CIELCh(75, 7.114, 185.734)

Conversions

Conversions Part 1

Format	Color
Hex	AABDBA
RGB	170, 189, 186
RGB Percent	67%, 74%, 73%
CMY	0.3347, 0.2602, 0.2720
CMYK	0.10, 0.00, 0.02, 0.26
HSL	171°, 13%, 70%
HSV	171°, 10%, 74%
XYZ	43.4472, 48.2781, 53.2843
YIQ	182.9770, -10.3610, -4.9610

Conversions

Conversions Part 2

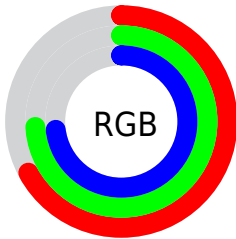
Format	Color
RYB	170, 180, 189
Decimal	11189690
CIELab	75.00, -7.08, -0.71
CIELCh	75, 7.114, 185.734
Yxy	48.2781, 0.2996, 0.3329
Android (android.graphics.Color)	4289379770 (0xFFAABDBA)
YUV	182.9770, 1.4903, -11.3808
Hunter-Lab	69.4824, -9.9786, 3.1697

Details

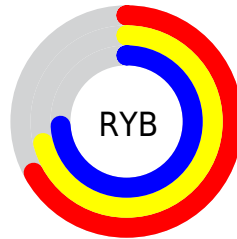
The CIELCh color `75, 7.114, 185.734` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `71, 7.438, 7.348`, and the grayscale version is `74, 0.009, 296.813`.

A 20% lighter version of the original color is `95, 7.130, 186.530`, and `55, 7.153, 184.773` is the 20% darker color. If you saturate the color by 10%, you get `74, 13.925, 184.815`, and if you desaturate by 10%, it is `76, 0.048, 197.068`.

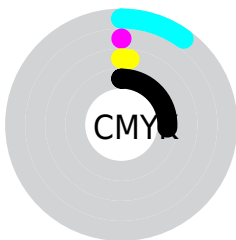
Distribution



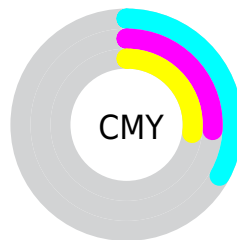
- Red (67%)
- Green (74%)
- Blue (73%)



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



- Cyan (10%)
- Magenta (0%)
- Yellow (2%)
- Black (26%)



- Cyan (33%)
- Magenta (26%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 7.114, 185.734 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, 7.114, 185.734 by changing the saturation by 10% instead.

■ 75, 7.114, 185.734

■ 75, 7.114, 185.734

■ 100, 7.114,
185.734

■ 65, 7.114, 185.734

■ 95, 7.114, 185.734

■ 55, 7.114, 185.734

■ 45, 7.114, 185.734

■ 35, 7.114, 185.734

■ 25, 7.114, 185.734

■ 15, 7.114, 185.734

■ 5, 7.114, 185.734

■ 0, 7.114, 185.734

■ 75, 7.114, 185.734

■ 75, 7.114, 185.734

74, 13.925,
184.815

76, 0.048, 197.068

73, 20.366,
183.892

78, 7.186, 7.246

72, 26.322,
182.927

80, 14.504, 8.076

71, 31.675,
181.904

82, 21.844, 8.861

70, 36.320,
180.805

83, 25.782, 7.632

69, 40.176,
179.610

83, 26.060, 4.255

69, 43.207,
178.296

83, 26.432, 0.965

69, 45.432,
176.845

83, 26.896,
357.783

69, 47.029,

83, 27.445,
354.725

Harmonies

Complementary

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



75, 7.114, 185.734



71, 7.438, 7.348

Rectangle

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



75, 7.114, 185.734



75, 7.114, 235.734



75, 7.114, 5.734



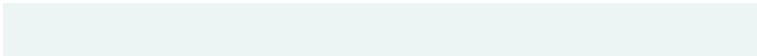
75, 7.114, 55.734

Sweetspot

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



75, 7.115, 185.724



96, 2.643, 186.479



75, 11.891, 139.337



51, 2.001, 186.363



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, 7.115, 185.724



94, 10.442, 185.529



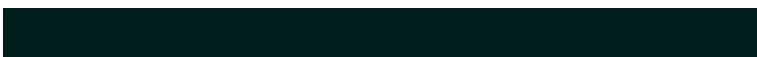
73, 5.653, 236.671



39, 4.010, 185.790



58, 41.161, 175.528



9, 12.742, 180.200

Inverse Universe

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



71, 7.438, 7.348



89, 11.020, 7.572



73, 5.941, 54.835



37, 4.178, 7.273



33, 66.409, 31.758



3, 12.432, 10.382

Previews

White Background



This preview shows how the CIELCh color 75, 7.114, 185.734 looks on a white background.

Color Contrast Check

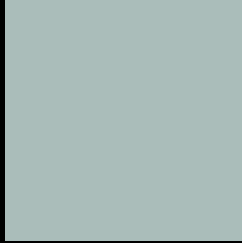
Large Text (above 18pt) WCAG AA × Fail

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, 7.114, 185.734 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

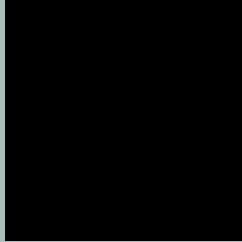
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

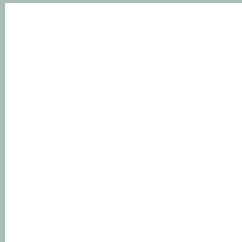
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 7.114, 185.734

Background



This preview shows how black text looks on a background with the CIELCh color 75, 7.114, 185.734.



This preview shows how white text looks on a background with the CIELCh color 75, 7.114, 185.734.

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, 7.114, 185.734

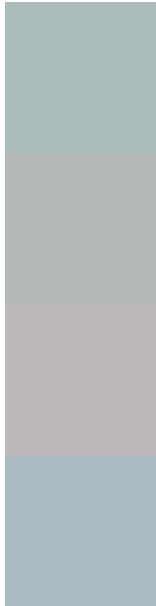
Protanopia
75, 1.867, 19.282

Deuteranopia
75, 9.574, 349.806



Tritanopia
75, 9.373, 259.273

Trichromacy



Original Color
75, 7.114, 185.734

Protanomaly
75, 1.577, 179.620

Deuteranomaly
75, 3.400, 340.165

Tritanomaly
75, 7.068, 236.887

Monochromacy



Original Color
75, 7.114, 185.734

Achromatopsia
74, 0.009, 296.813

Achromatomaly
75, 2.640, 187.580

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 7.114, 185.734 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(170, 189, 186)` looks like.

```
.text, #text, p{  
    color:rgb(170, 189, 186)  
}
```

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(170, 189, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 189, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 7.114, 185.734 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(170, 189, 186) }
```

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

```
.border{ border-color:rgb(170, 189, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 189, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 189, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 189, 186);  
box-shadow:4px 4px 4px 4px rgb(170, 189,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 7.114, 185.734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 189, 186) }
```

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

```
.background{ background-color: rgb(170,  
189, 186) }
```

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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