

Converting Colors

CIELCh(75, 7.216, 183.572)

Have a look what the booklet for
CIELCh(75, 7.216, 183.572) contains.

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Color

CIELCh(75, 7.279, 181.622)

Conversions

Conversions Part 1

Format	Color
Hex	AABDB9
RGB	170, 189, 185
RGB Percent	67%, 74%, 73%
CMY	0.3344, 0.2599, 0.2756
CMYK	0.10, 0.00, 0.02, 0.26
HSL	167°, 13%, 70%
HSV	167°, 10%, 74%
XYZ	43.3804, 48.2781, 52.7740
YIQ	182.8630, -10.0400, -5.2720

Conversions

Conversions Part 2

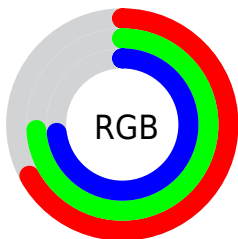
Format	Color
RYB	170, 181, 189
Decimal	11189689
CIELab	75.00, -7.28, -0.21
CIELCh	75, 7.279, 181.622
Yxy	48.2781, 0.3004, 0.3343
Android (android.graphics.Color)	4289379769 (0xFFAABDB9)
YUV	182.8630, 1.0535, -11.2809
Hunter-Lab	69.4824, -10.1504, 3.6052

Details

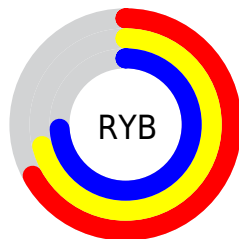
The CIELCh color `75, 7.279, 181.622` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `71, 7.564, 3.324`, and the grayscale version is `74, 0.009, 296.813`.

A 20% lighter version of the original color is `95, 7.278, 182.602`, and `55, 7.343, 180.458` is the 20% darker color. If you saturate the color by 10%, you get `74, 14.299, 180.645`, and if you desaturate by 10%, it is `76, 0.045, 193.218`.

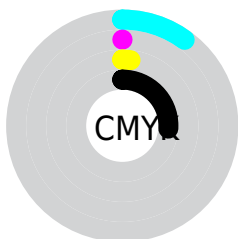
Distribution



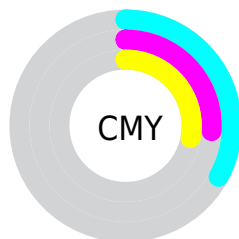
- Red (67%)
- Green (74%)
- Blue (73%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 7.279, 181.622 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, 7.279, 181.622 by changing the saturation by 10% instead.

■ 75, 7.279, 181.622

■ 75, 7.279, 181.622

■ 100, 7.279,
181.622

■ 65, 7.279, 181.622

■ 95, 7.279, 181.622

■ 55, 7.279, 181.622

■ 45, 7.279, 181.622

■ 35, 7.279, 181.622

■ 25, 7.279, 181.622

■ 15, 7.279, 181.622

■ 5, 7.279, 181.622

■ 0, 7.279, 181.622

■ 75, 7.279, 181.622

■ 75, 7.279, 181.622

74, 14.299,
180.645

76, 0.045, 193.218

72, 20.991,
179.643

78, 7.316, 3.219

71, 27.239,
178.578

80, 14.724, 4.070

71, 32.921,
177.430

83, 26.145, 3.127

70, 37.928,
176.177

83, 26.704,
358.806

69, 42.172,
174.797

83, 27.419,
354.696

69, 45.609,
173.266

83, 28.278,
350.828

69, 48.254,
171.566

83, 29.266,
347.217

68, 50.279,

169.751

Harmonies

Complementary

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



75, 7.279, 181.622



71, 7.564, 3.324

Rectangle

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



75, 7.279, 181.622



75, 7.279, 231.622



75, 7.279, 1.622



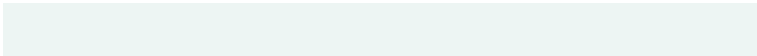
75, 7.279, 51.622

Sweetspot

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



75, 7.280, 181.613



96, 2.698, 182.393



75, 11.710, 137.871



51, 2.044, 182.276



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, 7.280, 181.613



94, 10.693, 181.406



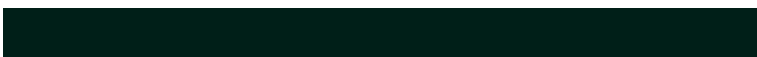
74, 5.655, 230.264



39, 4.102, 181.683



58, 43.950, 170.027



9, 13.252, 175.376

Inverse Universe

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



71, 7.564, 3.324



89, 11.200, 3.554



72, 5.978, 48.841



37, 4.251, 3.247



33, 64.185, 27.919



3, 12.558, 7.461

Previews

White Background



This preview shows how the CIELCh color 75, 7.279, 181.622 looks on a white background.

Color Contrast Check

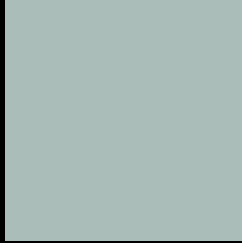
Large Text (above 18pt) WCAG AA × Fail

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, 7.279, 181.622 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

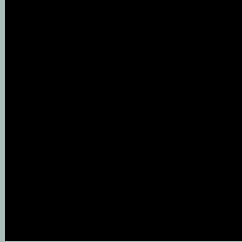
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

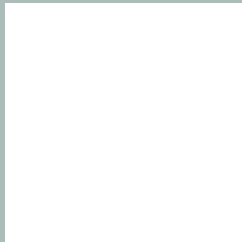
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 7.279, 181.622

Background



This preview shows how black text looks on a background with the CIELCh color 75, 7.279, 181.622.



This preview shows how white text looks on a background with the CIELCh color 75, 7.279, 181.622.

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, 7.279, 181.622

Protanopia

75, 1.940, 35.398

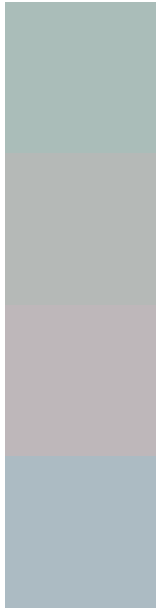
Deuteranopia

75, 9.324, 352.678



Tritanopia
75, 9.205, 261.134

Trichromacy



Original Color
75, 7.279, 181.622

Protanomaly
75, 1.839, 163.685

Deuteranomaly
75, 3.084, 347.871

Tritanomaly
75, 6.796, 238.698

Monochromacy



Original Color
75, 7.279, 181.622

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, 7.279, 181.622 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, 185)` looks like.

```
.text, #text, p{  
    color:rgb(170, 189, 185)  
}
```

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, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 189, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 7.279, 181.622 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, 185) }
```

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

```
.border{ border-color:rgb(170, 189, 185) }
```

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, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 189, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 189, 185);  
box-shadow:4px 4px 4px 4px rgb(170, 189,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 7.279, 181.622 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, 185) }
```

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

```
.background{ background-color: rgb(170,  
189, 185) }
```

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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