

Converting Colors

CIELCh(75, 8.006, 178.537)

Have a look what the booklet for
CIELCh(75, 8.006, 178.537) contains.

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Color

CIELCh(75, 7.813, 178.615)

Conversions

Conversions Part 1

Format	Color
Hex	A9BDB8
RGB	169, 189, 184
RGB Percent	66%, 74%, 72%
CMY	0.3373, 0.2589, 0.2785
CMYK	0.11, 0.00, 0.03, 0.26
HSL	165°, 13%, 70%
HSV	165°, 11%, 74%
XYZ	43.1999, 48.2781, 52.3771
YIQ	182.4500, -10.3150, -5.7950

Conversions

Conversions Part 2

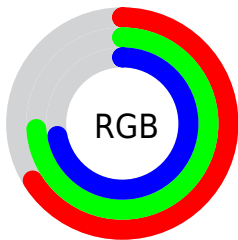
Format	Color
RYB	169, 180, 189
Decimal	11124152
CIELab	75.00, -7.81, 0.19
CIELCh	75, 7.813, 178.615
Yxy	48.2781, 0.3003, 0.3356
Android (android.graphics.Color)	4289314232 (0xFFA9BDB8)
YUV	182.4500, 0.7642, -11.7956
Hunter-Lab	69.4824, -10.6141, 3.9439

Details

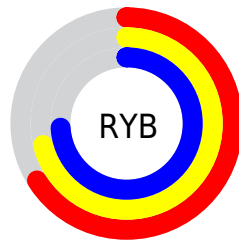
The CIELCh color **75, 7.813, 178.615** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71, 8.098, 0.460**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 7.780, 179.681**, and **55, 7.918, 177.356** is the 20% darker color. If you saturate the color by 10%, you get **74, 15.005, 177.612**, and if you desaturate by 10%, it is **77, 0.431, 180.556**.

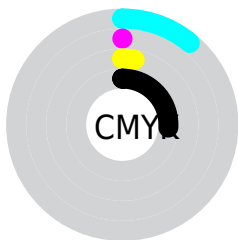
Distribution



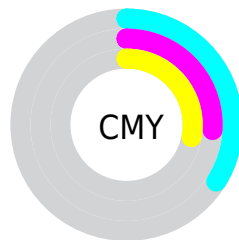
- Red (66%)
- Green (74%)
- Blue (72%)



- Red (66%)
- Yellow (71%)
- Blue (74%)



- Cyan (11%)
- Magenta (0%)
- Yellow (3%)
- Black (26%)



- Cyan (34%)
- Magenta (26%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 7.813, 178.615 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, 7.813, 178.615 by changing the saturation by 10% instead.

■ 75, 7.813, 178.615

■ 75, 7.813, 178.615

■ 100, 7.813,
178.615

■ 65, 7.813, 178.615

■ 95, 7.813, 178.615

■ 55, 7.813, 178.615

■ 45, 7.813, 178.615

■ 35, 7.813, 178.615

■ 25, 7.813, 178.615

■ 15, 7.813, 178.615

■ 5, 7.813, 178.615

■ 0, 7.813, 178.615

■ 75, 7.813, 178.615

■ 75, 7.813, 178.615

74, 15.005,
177.612

77, 0.431, 180.556

72, 21.894,
176.568

78, 7.053, 0.252

71, 28.362,
175.447

80, 14.560, 1.110

70, 34.284,
174.226

82, 22.032, 1.910

70, 39.548,
172.882

83, 26.417, 0.016
355.060

69, 44.063,
171.392

83, 27.233,
350.443

69, 47.783,
169.732

83, 28.255,
346.195

68, 50.722,
167.887

83, 29.460,
342.323

68, 52.949,

Harmonies

Complementary

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



75, 7.813, 178.615



71, 8.098, 0.460

Rectangle

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



75, 7.813, 178.615



75, 7.813, 228.615



75, 7.813, 358.615



75, 7.813, 48.615

Sweetspot

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



75, 7.814, 178.607



96, 2.748, 179.446



75, 12.147, 136.331



51, 2.082, 179.330



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, 7.814, 178.607



94, 11.810, 178.347



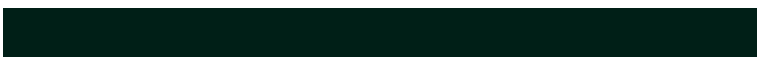
74, 6.020, 223.968



39, 4.184, 178.730



58, 46.203, 166.333



9, 13.673, 171.991

Inverse Universe

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



71, 8.098, 0.460



88, 12.346, 0.747



72, 6.415, 42.971



37, 4.318, 0.327



33, 62.687, 24.719



3, 12.675, 5.312

Previews

White Background



This preview shows how the CIELCh color 75, 7.813, 178.615 looks on a white background.

Color Contrast Check

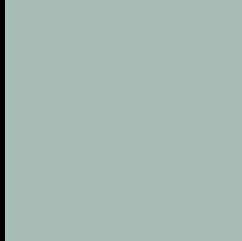
Large Text (above 18pt) WCAG AA × Fail

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, 7.813, 178.615 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

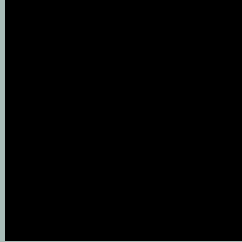
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

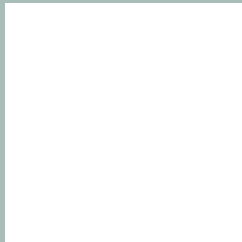
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 7.813, 178.615

Background



This preview shows how black text looks on a background with the CIELCh color 75, 7.813, 178.615.



This preview shows how white text looks on a background with the CIELCh color 75, 7.813, 178.615.

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](#).

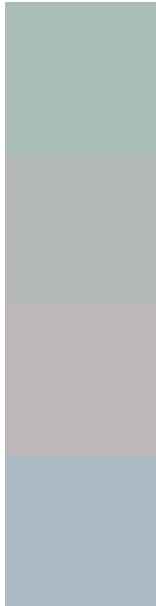
Dichromacy





Tritanopia
75, 9.373, 259.273

Trichromacy



Original Color
75, 7.813, 178.615

Protanomaly
75, 2.204, 152.340

Deuteranomaly
75, 2.495, 353.800

Tritanomaly
75, 7.068, 236.887

Monochromacy



Original Color
75, 7.813, 178.615

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 3.154, 179.278

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 7.813, 178.615 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(169, 189, 184)` looks like.

```
.text, #text, p{  
    color:rgb(169, 189, 184)  
}
```

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(169, 189, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 189, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 7.813, 178.615 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(169, 189, 184) }
```

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

```
.border{ border-color:rgb(169, 189, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 189, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 189, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 189, 184);  
box-shadow:4px 4px 4px 4px rgb(169, 189,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 7.813, 178.615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 189, 184) }
```

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

```
.background{ background-color: rgb(169,  
189, 184) }
```

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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