

Converting Colors

CIELCh(71, 7.812, 215.175)

Have a look what the booklet for
CIELCh(71, 7.812, 215.175) contains.

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Color

CIELCh(71, 7.805, 215.174)

Conversions

Conversions Part 1

Format	Color
Hex	9DB2B6
RGB	157, 178, 182
RGB Percent	62%, 70%, 71%
CMY	0.3857, 0.3034, 0.2877
CMYK	0.14, 0.02, 0.00, 0.29
HSL	190°, 15%, 66%
HSV	190°, 14%, 71%
XYZ	38.0860, 42.1875, 50.1907
YIQ	172.1770, -13.8000, -3.2080

Conversions

Conversions Part 2

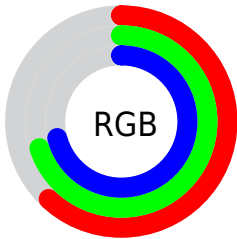
Format	Color
R_{YB}	157, 168, 182
Decimal	10334902
CIE _{Lab}	71.00, -6.38, -4.50
CIE _{LCh}	71, 7.805, 215.174
Yxy	42.1875, 0.2919, 0.3234
Android (android.graphics.Color)	4288524982 (0xFF9DB2B6)
YUV	172.1770, 4.8427, -13.3102
Hunter-Lab	64.9519, -8.9983, -0.3492

Details

The CIELCh color **71, 7.805, 215.174** is a light color, and the websafe version is hex **999999**. A complement of this color would be **68, 8.532, 34.904**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 7.808, 214.431**, and **51, 7.847, 216.057** is the 20% darker color. If you saturate the color by 10%, you get **69, 13.068, 215.408**, and if you desaturate by 10%, it is **73, 2.188, 215.190**.

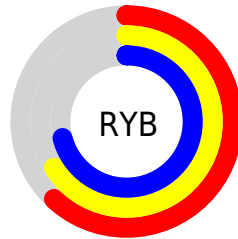
Distribution



Red (62%)

Green (70%)

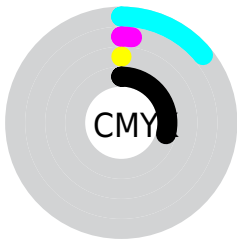
Blue (71%)



Red (62%)

Yellow (66%)

Blue (71%)

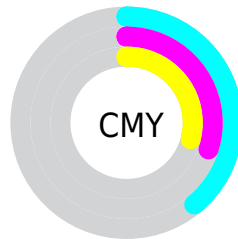


Cyan (14%)

Magenta (2%)

Yellow (0%)

Black (29%)



Cyan (39%)

Magenta (30%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 7.805, 215.174 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 71, 7.805, 215.174 by changing the saturation by 10% instead.

■ 71, 7.805, 215.174

■ 71, 7.805, 215.174

■ 100, 7.805,
215.174

■ 61, 7.805, 215.174

■ 91, 7.805, 215.174

■ 51, 7.805, 215.174

■ 41, 7.805, 215.174

■ 31, 7.805, 215.174

■ 21, 7.805, 215.174

■ 11, 7.805, 215.174

■ 1, 7.805, 215.174

■ 0, 7.805, 215.174

■ 71, 7.805, 215.174

■ 71, 7.805, 215.174

69, 13.068,
215.408

73, 2.188, 215.190

67, 17.890,
215.839

75, 3.705, 34.781

78, 9.806, 34.909

65, 22.180,
216.487

80, 16.057, 35.033

64, 25.850,
217.401

82, 22.413, 35.190

84, 24.691, 37.515

62, 28.828,
218.640

84, 24.128, 41.522

61, 31.070,
220.269

85, 23.692, 45.701

86, 23.390, 50.013

60, 32.579,
222.357

59, 33.418,
224.960

58, 33.749,

226.763

Harmonies

Complementary

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



71, 7.805, 215.174



68, 8.532, 34.904

Rectangle

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



71, 7.805, 215.174



71, 7.805, 265.174



71, 7.805, 35.174



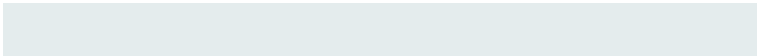
71, 7.805, 85.174

Sweetspot

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



71, 7.805, 215.162



93, 2.890, 215.175



72, 14.999, 147.975



50, 2.067, 215.149



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



71, 7.805, 215.162



89, 11.856, 215.229



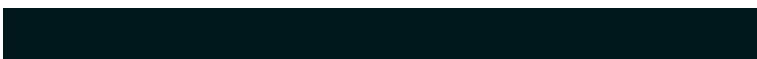
68, 9.422, 271.645



38, 3.281, 215.116



50, 30.103, 226.351



6, 8.679, 222.590

Inverse Universe

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



67, 14.932, 329.972



84, 22.950, 330.192



71, 9.467, 88.033



36, 6.187, 329.695



35, 70.625, 335.696



3, 15.997, 331.854

Previews

White Background



This preview shows how the CIELCh color 71, 7.805, 215.174 looks on a white background.

Color Contrast Check

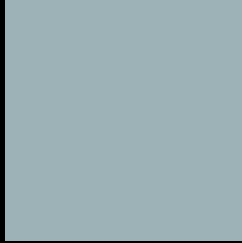
Large Text (above 18pt) WCAG AA × Fail

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 71, 7.805, 215.174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

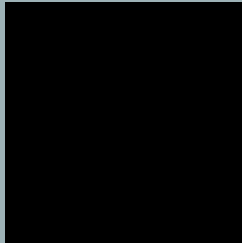
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

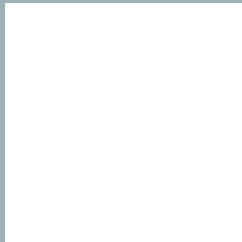
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 7.805, 215.174

Background



This preview shows how black text looks on a background with the CIELCh color 71, 7.805, 215.174.

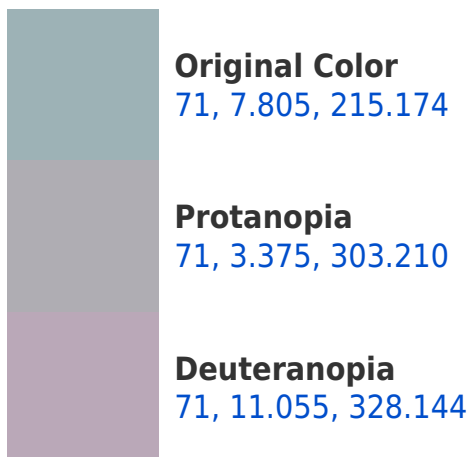


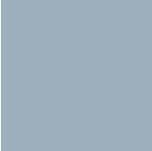
This preview shows how white text looks on a background with the CIELCh color 71, 7.805, 215.174.

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
71, 9.803, 250.558

Trichromacy



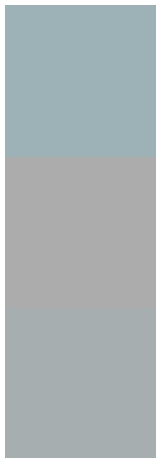
Original Color
71, 7.805, 215.174

Protanomaly
71, 3.715, 246.746

Deuteranomaly
71, 6.133, 301.129

Tritanomaly
71, 8.571, 238.709

Monochromacy



Original Color
71, 7.805, 215.174

Achromatopsia
70, 0.009, 296.813

Achromatomaly
71, 3.133, 219.779

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 7.805, 215.174 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(157, 178, 182)` looks like.

```
.text, #text, p{  
    color:rgb(157, 178, 182)  
}
```

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(157, 178, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 178, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 7.805, 215.174 is called "border". The border property can be set on classes, ids or directly on the HTML element.

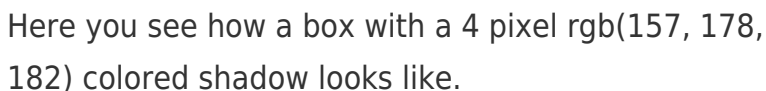
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 178, 182) }
```

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

```
.border{ border-color:rgb(157, 178, 182) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 178, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 178, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 178, 182); box-shadow:4px 4px 4px 4px rgb(157, 178, 182) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 7.805, 215.174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 178, 182) }
```

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

```
.background{ background-color: rgb(157,  
178, 182) }
```

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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