

Converting Colors

CIELCh(71, 4.575, 213.990)

Have a look what the booklet for
CIELCh(71, 4.575, 213.990) contains.

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Color

CIELCh(71, 4.512, 213.192)

Conversions

Conversions Part 1

Format	Color
Hex	A4B0B2
RGB	164, 176, 178
RGB Percent	64%, 69%, 70%
CMY	0.3566, 0.3096, 0.3017
CMYK	0.08, 0.01, 0.00, 0.30
HSL	189°, 8%, 67%
HSV	189°, 8%, 70%
XYZ	38.8989, 42.1875, 48.2419
YIQ	172.6400, -7.7940, -1.9220

Conversions

Conversions Part 2

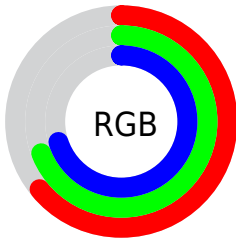
Format	Color
RYB	164, 170, 178
Decimal	10793138
CIELab	71.00, -3.78, -2.47
CIELCh	71, 4.512, 213.192
Yxy	42.1875, 0.3008, 0.3262
Android (android.graphics.Color)	4288983218 (0xFFA4B0B2)
YUV	172.6400, 2.6425, -7.5773
Hunter-Lab	64.9519, -6.7644, 1.4298

Details

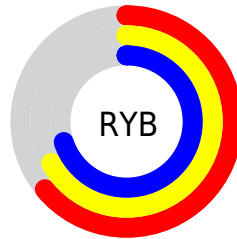
The CIELCh color **71, 4.512, 213.192** is a light color, and the websafe version is hex **999999**. A complement of this color would be **69, 4.741, 33.002**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 4.641, 212.162**, and **51, 4.690, 206.147** is the 20% darker color. If you saturate the color by 10%, you get **69, 9.970, 213.212**, and if you desaturate by 10%, it is **73, 1.253, 32.654**.

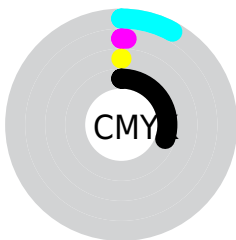
Distribution



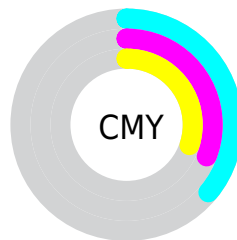
- Red (64%)
- Green (69%)
- Blue (70%)



- Red (64%)
- Yellow (67%)
- Blue (70%)



- Cyan (8%)
- Magenta (1%)
- Yellow (0%)
- Black (30%)



- Cyan (36%)
- Magenta (31%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 4.512, 213.192 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, 4.512, 213.192 by changing the saturation by 10% instead.

■ 71, 4.512, 213.192

■ 71, 4.512, 213.192

■ 100, 4.512,
213.192

■ 61, 4.512, 213.192

■ 91, 4.512, 213.192

■ 51, 4.512, 213.192

■ 41, 4.512, 213.192

■ 31, 4.512, 213.192

■ 21, 4.512, 213.192

■ 11, 4.512, 213.192

■ 1, 4.512, 213.192

■ 0, 4.512, 213.192

■ 71, 4.512, 213.192

■ 71, 4.512, 213.192

69, 9.970, 213.212

73, 1.253, 32.654

67, 15.037,
213.431

75, 7.253, 33.070

66, 19.622,
213.828

77, 13.425, 33.245

64, 23.636,
214.437

80, 19.719, 33.446

63, 26.993,
215.306

83, 26.233, 36.486

61, 29.632,
216.489

83, 25.699, 39.743

60, 31.523,
218.046

85, 24.903, 46.625

59, 32.687,
220.035

58, 33.247,
222.464

Harmonies

Complementary

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



71, 4.512, 213.192



69, 4.741, 33.002

Rectangle

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



71, 4.512, 213.192



71, 4.512, 263.192



71, 4.512, 33.192



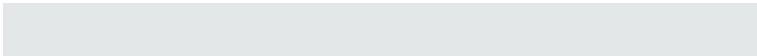
71, 4.512, 83.192

Sweetspot

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



71, 4.513, 213.170



92, 1.444, 213.476



71, 8.505, 147.860



49, 0.828, 213.499



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



71, 4.513, 213.170



90, 6.384, 213.162



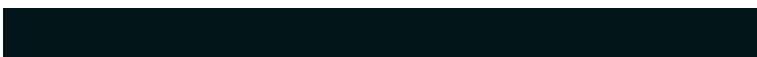
69, 5.188, 269.428



37, 3.244, 213.161



50, 29.832, 222.640



6, 7.711, 220.103

Inverse Universe

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



69, 8.470, 329.033



87, 12.033, 329.114



71, 5.199, 87.349



35, 6.118, 329.125



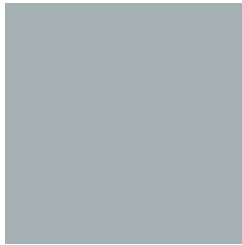
35, 70.703, 334.753



2, 14.071, 330.765

Previews

White Background



This preview shows how the CIE LCh color 71, 4.512, 213.192 looks on a white background.

Color Contrast Check

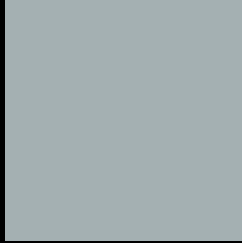
Large Text (above 18pt) WCAG AA × Fail

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, 4.512, 213.192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

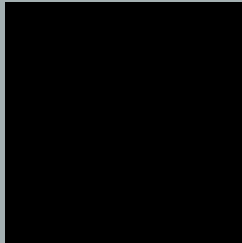
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

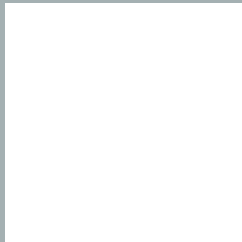
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 4.512, 213.192

Background



This preview shows how black text looks on a background with the CIELCh color 71, 4.512, 213.192.



This preview shows how white text looks on a background with the CIELCh color 71, 4.512, 213.192.

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

71, 4.512, 213.192

Protanopia

71, 2.003, 324.417

Deuteranopia

71, 9.997, 339.398



Tritanopia
71, 8.110, 270.218

Trichromacy



Original Color
71, 4.512, 213.192

Protanomaly
71, 1.793, 265.918

Deuteranomaly
71, 5.325, 324.639

Tritanomaly
71, 6.040, 253.880

Monochromacy



Original Color
71, 4.512, 213.192

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 1.579, 219.855

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 4.512, 213.192 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(164, 176, 178)` looks like.

```
.text, #text, p{  
    color:rgb(164, 176, 178)  
}
```

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(164, 176, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 176, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 4.512, 213.192 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(164, 176, 178) }
```

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

```
.border{ border-color:rgb(164, 176, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 176, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 176, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 176, 178);  
box-shadow:4px 4px 4px 4px rgb(164, 176,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 4.512, 213.192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 176, 178) }
```

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

```
.background{ background-color: rgb(164,  
176, 178) }
```

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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