

Converting Colors

CIELCh(71, 4.877, 230.371)

Have a look what the booklet for
CIELCh(71, 4.877, 230.371) contains.

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Color

CIELCh(71, 4.852, 225.972)

Conversions

Conversions Part 1

Format	Color
Hex	A4B0B4
RGB	164, 176, 180
RGB Percent	64%, 69%, 71%
CMY	0.3572, 0.3102, 0.2945
CMYK	0.09, 0.02, 0.00, 0.29
HSL	195°, 10%, 67%
HSV	195°, 9%, 71%
XYZ	39.0259, 42.1875, 49.2151
YIQ	172.8680, -8.4360, -1.3000

Conversions

Conversions Part 2

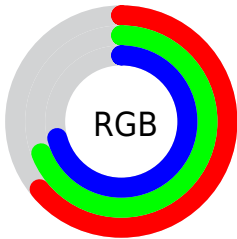
Format	Color
RYB	164, 171, 180
Decimal	10793140
CIELab	71.00, -3.37, -3.49
CIELCh	71, 4.852, 225.972
Yxy	42.1875, 0.2992, 0.3235
Android (android.graphics.Color)	4288983220 (0xFFA4B0B4)
YUV	172.8680, 3.5161, -7.7772
Hunter-Lab	64.9519, -6.4153, 0.5413

Details

The CIELCh color $71, 4.852, 225.972$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $70, 5.107, 44.929$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 4.943, 224.081$, and $51, 4.916, 219.894$ is the 20% darker color. If you saturate the color by 10%, you get $69, 10.052, 226.576$, and if you desaturate by 10%, it is $74, 0.614, 44.550$.

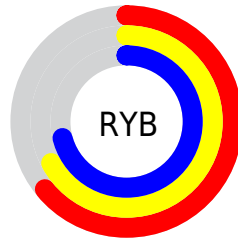
Distribution



Red (64%)

Green (69%)

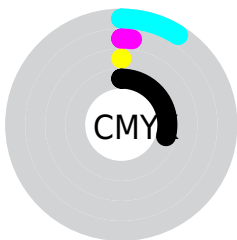
Blue (71%)



Red (64%)

Yellow (67%)

Blue (71%)

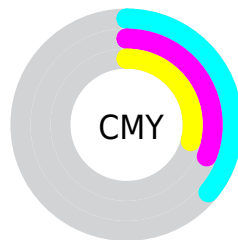


Cyan (9%)

Magenta (2%)

Yellow (0%)

Black (29%)



Cyan (36%)

Magenta (31%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 4.852, 225.972 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, 4.852, 225.972 by changing the saturation by 10% instead.

■ 71, 4.852, 225.972

■ 71, 4.852, 225.972

■ 100, 4.852,
225.972

■ 61, 4.852, 225.972

■ 91, 4.852, 225.972

■ 51, 4.852, 225.972

■ 41, 4.852, 225.972

■ 31, 4.852, 225.972

■ 21, 4.852, 225.972

■ 11, 4.852, 225.972

■ 1, 4.852, 225.972

■ 0, 4.852, 225.972

■ 71, 4.852, 225.972

■ 71, 4.852, 225.972

69, 10.052,
226.576

74, 0.614, 44.550

66, 14.918,
227.456

76, 6.286, 44.894

64, 19.376,
228.619

79, 12.111, 44.664

62, 23.352,
230.132

82, 18.047, 44.490

60, 26.783,
232.073

84, 24.060, 44.372

58, 29.630,
234.533

86, 23.979, 50.432

56, 31.894,
237.597

87, 23.799, 57.082

54, 33.634,
241.329

88, 23.950, 63.732

53, 35.028,

89, 24.424, 70.196

245.637

Harmonies

Complementary

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



71, 4.852, 225.972



70, 5.107, 44.929

Rectangle

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



71, 4.852, 225.972



71, 4.852, 275.972



71, 4.852, 45.972



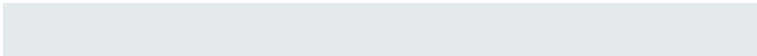
71, 4.852, 95.972

Sweetspot

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



71, 4.852, 225.951



92, 2.059, 225.825



72, 9.030, 151.170



49, 1.557, 225.806



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, 4.852, 225.951



89, 7.408, 226.070



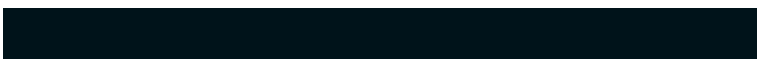
69, 6.603, 277.220



36, 3.068, 225.971



45, 31.118, 245.462



5, 7.488, 236.964

Inverse Universe

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



69, 8.957, 332.870



86, 13.771, 333.028



72, 6.563, 95.023



35, 5.670, 332.899



34, 65.362, 341.106



2, 12.738, 336.124

Previews

White Background



This preview shows how the CIELCh color 71, 4.852, 225.972 looks on a white background.

Color Contrast Check

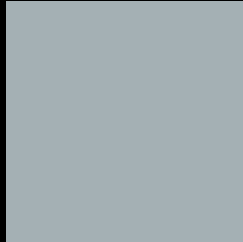
Large Text (above 18pt) WCAG AA × Fail

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, 4.852, 225.972 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

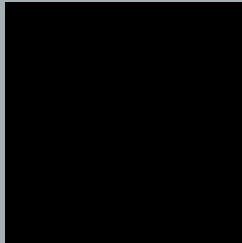
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

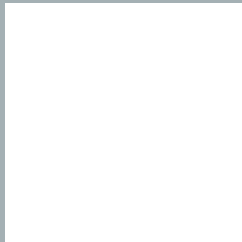
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 4.852, 225.972

Background



This preview shows how black text looks on a background with the CIELCh color 71, 4.852, 225.972.



This preview shows how white text looks on a background with the CIELCh color 71, 4.852, 225.972.

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, 7.877, 263.831

Trichromacy



Original Color
71, 4.852, 225.972

Protanomaly
71, 2.933, 268.296

Deuteranomaly
71, 6.255, 319.020

Tritanomaly
71, 6.480, 256.879

Monochromacy



Original Color
71, 4.852, 225.972

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 1.832, 236.216

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 4.852, 225.972 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, 180)` looks like.

```
.text, #text, p{  
    color:rgb(164, 176, 180)  
}
```

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, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 176, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 4.852, 225.972 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, 180) }
```

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

```
.border{ border-color:rgb(164, 176, 180) }
```

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, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(164, 176, 180); -webkit-box-shadow:4px 4px 4px 4px rgb(164, 176, 180); box-shadow:4px 4px 4px 4px rgb(164, 176, 180) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 4.852, 225.972 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, 180) }
```

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

```
.background{ background-color: rgb(164,  
176, 180) }
```

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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