

Converting Colors

CIELCh(71, 5.615, 216.990)

Have a look what the booklet for
CIELCh(71, 5.615, 216.990) contains.

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Color

CIELCh(71, 5.664, 215.902)

Conversions

Conversions Part 1

Format	Color
Hex	A2B1B4
RGB	162, 177, 180
RGB Percent	64%, 69%, 71%
CMY	0.3664, 0.3076, 0.2958
CMYK	0.10, 0.02, 0.00, 0.30
HSL	190°, 11%, 67%
HSV	190°, 10%, 70%
XYZ	38.6441, 42.1875, 49.0544
YIQ	172.8570, -9.9030, -2.2470

Conversions

Conversions Part 2

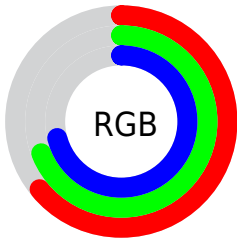
Format	Color
RYB	162, 170, 180
Decimal	10662324
CIELab	71.00, -4.59, -3.32
CIELCh	71, 5.664, 215.902
Yxy	42.1875, 0.2975, 0.3248
Android (android.graphics.Color)	4288852404 (0xFFA2B1B4)
YUV	172.8570, 3.5215, -9.5216
Hunter-Lab	64.9519, -7.4645, 0.6880

Details

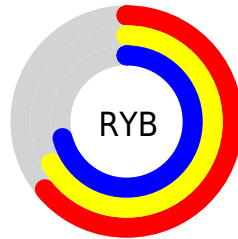
The CIELCh color **71, 5.664, 215.902** is a light color, and the websafe version is hex **999999**. A complement of this color would be **69, 6.034, 35.557**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 5.742, 214.884**, and **51, 5.622, 217.103** is the 20% darker color. If you saturate the color by 10%, you get **69, 10.998, 216.095**, and if you desaturate by 10%, it is **73, 0.016, 249.896**.

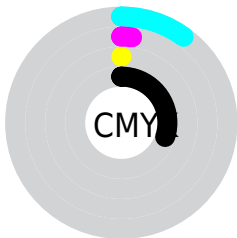
Distribution



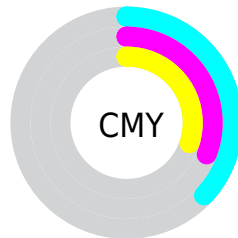
- Red (64%)
- Green (69%)
- Blue (71%)



- Red (64%)
- Yellow (67%)
- Blue (71%)



- Cyan (10%)
- Magenta (2%)
- Yellow (0%)
- Black (30%)



- Cyan (37%)
- Magenta (31%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 5.664, 215.902 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, 5.664, 215.902 by changing the saturation by 10% instead.

■ 71, 5.664, 215.902

■ 71, 5.664, 215.902

■ 100, 5.664,
215.902

■ 61, 5.664, 215.902

■ 91, 5.664, 215.902

■ 51, 5.664, 215.902

■ 41, 5.664, 215.902

■ 31, 5.664, 215.902

■ 21, 5.664, 215.902

■ 11, 5.664, 215.902

■ 1, 5.664, 215.902

■ 0, 5.664, 215.902

■ 71, 5.664, 215.902

■ 71, 5.664, 215.902

69, 10.998,
216.095

73, 0.016, 249.896

67, 15.932,
216.494

75, 5.883, 35.547

65, 20.378,
217.102

78, 11.961, 35.633

64, 24.248,
217.964

80, 18.170, 35.746

62, 27.464,
219.139

83, 24.466, 35.894

61, 29.971,
220.692

84, 25.236, 39.030

59, 31.754,
222.694

84, 24.702, 43.093

58, 32.852,
225.211

85, 24.302, 47.315

57, 33.464,

86, 24.041, 51.654

Harmonies

Complementary

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



71, 5.664, 215.902



69, 6.034, 35.557

Rectangle

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



71, 5.664, 215.902



71, 5.664, 265.902



71, 5.664, 35.902



71, 5.664, 85.902

Sweetspot

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



71, 5.664, 215.885



92, 2.144, 215.983



71, 10.799, 148.242



49, 1.621, 215.932



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, 5.664, 215.885



90, 8.381, 215.913



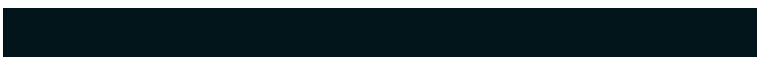
69, 6.782, 271.111



37, 3.192, 215.879



49, 29.735, 227.723



6, 7.602, 223.909

Inverse Universe

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



68, 10.701, 329.960



86, 15.947, 330.097



71, 6.798, 88.498



35, 6.016, 329.915



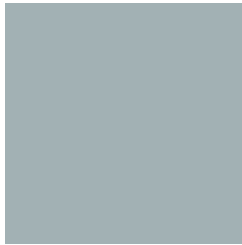
35, 69.438, 336.050



2, 13.751, 331.917

Previews

White Background



This preview shows how the CIELCh color 71, 5.664, 215.902 looks on a white background.

Color Contrast Check

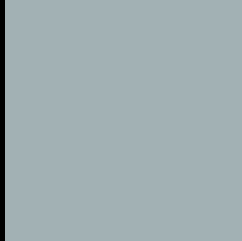
Large Text (above 18pt) WCAG AA × Fail

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, 5.664, 215.902 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

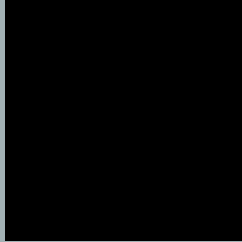
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

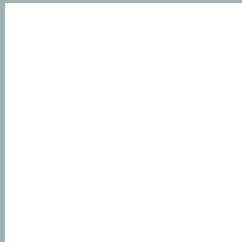
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 5.664, 215.902

Background



This preview shows how black text looks on a background with the CIELCh color 71, 5.664, 215.902.

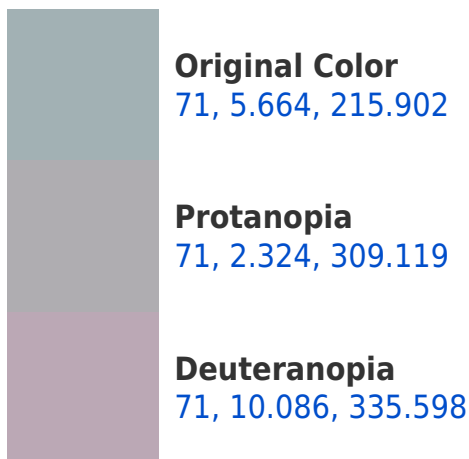


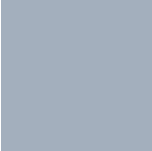
This preview shows how white text looks on a background with the CIELCh color 71, 5.664, 215.902.

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, 8.669, 261.381

Trichromacy



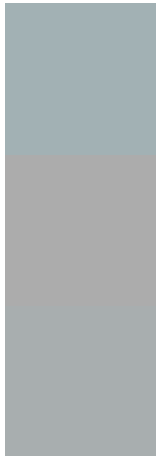
Original Color
71, 5.664, 215.902

Protanomaly
71, 2.621, 256.099

Deuteranomaly
71, 5.598, 318.323

Tritanomaly
71, 7.326, 247.480

Monochromacy



Original Color
71, 5.664, 215.902

Achromatopsia
70, 0.009, 296.813

Achromatomaly
71, 2.285, 213.288

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 5.664, 215.902 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(162, 177, 180)` looks like.

```
.text, #text, p{  
    color:rgb(162, 177, 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(162, 177, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 177, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 5.664, 215.902 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(162, 177, 180) }
```

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

```
.border{ border-color:rgb(162, 177, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 177, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 177, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 177, 180);  
box-shadow:4px 4px 4px 4px rgb(162, 177,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 5.664, 215.902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 177, 180) }
```

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

```
.background{ background-color: rgb(162,  
177, 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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