

Converting Colors

CIELCh(71, 7.084, 246.970)

Have a look what the booklet for
CIELCh(71, 7.084, 246.970) contains.

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Color

CIELCh(71, 6.949, 244.280)

Conversions

Conversions Part 1

Format	Color
Hex	A2B0B9
RGB	162, 176, 185
RGB Percent	64%, 69%, 73%
CMY	0.3650, 0.3101, 0.2749
CMYK	0.12, 0.05, 0.00, 0.27
HSL	203°, 14%, 68%
HSV	203°, 12%, 73%
XYZ	39.1383, 42.1875, 51.9300
YIQ	172.8400, -11.2330, -0.1690

Conversions

Conversions Part 2

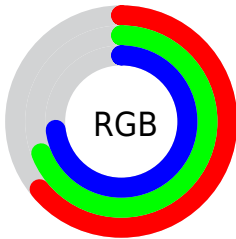
Format	Color
R_{YB}	162, 171, 185
Decimal	10662073
CIE Lab	71.00, -3.02, -6.26
CIE LCh	71, 6.949, 244.280
Yxy	42.1875, 0.2937, 0.3166
Android (android.graphics.Color)	4288852153 (0xFFA2B0B9)
YUV	172.8400, 5.9949, -9.5067
Hunter-Lab	64.9519, -6.1064, -1.9369

Details

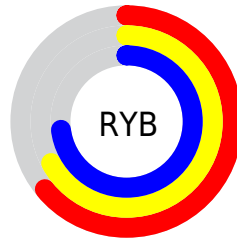
The CIELCh color $71, 6.949, 244.280$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $71, 7.320, 61.554$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 6.884, 241.971$, and $51, 6.957, 241.223$ is the 20% darker color. If you saturate the color by 10%, you get $68, 12.337, 245.620$, and if you desaturate by 10%, it is $74, 1.384, 243.376$.

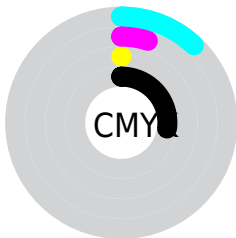
Distribution



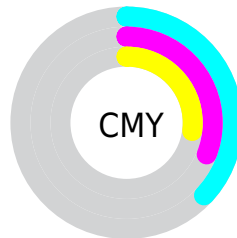
- Red (64%)
- Green (69%)
- Blue (73%)



- Red (64%)
- Yellow (67%)
- Blue (73%)



- Cyan (12%)
- Magenta (5%)
- Yellow (0%)
- Black (27%)



- Cyan (37%)
- Magenta (31%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 6.949, 244.280 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, 6.949, 244.280 by changing the saturation by 10% instead.

■ 71, 6.949, 244.280

■ 71, 6.949, 244.280

■ 100, 6.949,
244.280

■ 61, 6.949, 244.280

■ 91, 6.949, 244.280

■ 51, 6.949, 244.280

■ 41, 6.949, 244.280

■ 31, 6.949, 244.280

■ 21, 6.949, 244.280

■ 11, 6.949, 244.280

■ 1, 6.949, 244.280

■ 0, 6.949, 244.280

■ 71, 6.949, 244.280

■ 71, 6.949, 244.280

68, 12.337,
245.620

74, 1.384, 243.376

65, 17.505,
247.293

78, 4.316, 62.032

81, 10.115, 61.306

61, 22.408,
249.344

84, 15.980, 60.666

58, 27.012,
251.845

88, 21.887, 60.120

90, 22.739, 71.013

56, 31.300,
254.872

91, 24.228, 81.250

53, 35.289,
258.481

93, 26.397, 89.992

95, 29.080, 97.199

50, 39.044,
262.688

48, 42.676,
267.425

46, 45.471,

271.115

Harmonies

Complementary

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



71, 6.949, 244.280



71, 7.320, 61.554

Rectangle

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



71, 6.949, 244.280



71, 6.949, 294.280



71, 6.949, 64.280



71, 6.949, 114.280

Sweetspot

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



71, 6.949, 244.266



93, 2.794, 243.424



73, 11.578, 156.945



49, 1.982, 243.476



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, 6.949, 244.266



89, 10.304, 244.616



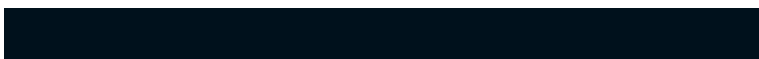
68, 11.221, 286.405



37, 3.161, 243.910



39, 39.609, 270.378



4, 9.252, 256.849

Inverse Universe

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



69, 11.620, 339.127



86, 17.344, 339.356



74, 10.989, 103.669



36, 5.248, 338.876



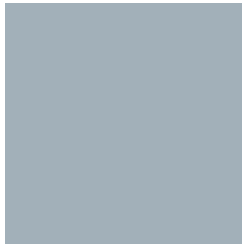
34, 60.800, 351.707



3, 13.094, 344.506

Previews

White Background



This preview shows how the CIE LCh color 71, 6.949, 244.280 looks on a white background.

Color Contrast Check

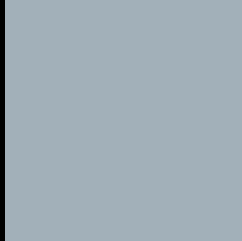
Large Text (above 18pt) WCAG AA × Fail

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, 6.949, 244.280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

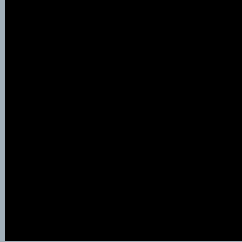
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

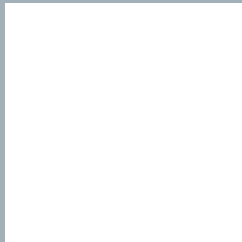
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 6.949, 244.280

Background



This preview shows how black text looks on a background with the CIELCh color 71, 6.949, 244.280.



This preview shows how white text looks on a background with the CIELCh color 71, 6.949, 244.280.

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

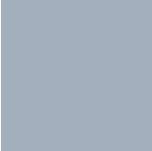
71, 6.949, 244.280

Protanopia

71, 5.484, 294.562

Deuteranopia

71, 11.062, 323.298



Tritanopia
71, 8.669, 261.381

Trichromacy



Original Color
71, 6.949, 244.280

Protanomaly
71, 5.627, 275.724

Deuteranomaly
71, 7.894, 304.320

Tritanomaly
71, 8.205, 259.388

Monochromacy



Original Color
71, 6.949, 244.280

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 2.453, 241.458

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 6.949, 244.280 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, 176, 185)` looks like.

```
.text, #text, p{  
    color:rgb(162, 176, 185)  
}
```

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, 176, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 176, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 6.949, 244.280 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, 176, 185) }
```

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

```
.border{ border-color:rgb(162, 176, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 176, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 176, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 176, 185);  
box-shadow:4px 4px 4px 4px rgb(162, 176,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 6.949, 244.280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 176, 185) }
```

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

```
.background{ background-color: rgb(162,  
176, 185) }
```

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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