

Converting Colors

CIELCh(71, 7.501, 224.969)

Have a look what the booklet for
CIELCh(71, 7.501, 224.969) contains.

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Color

CIELCh(71, 7.494, 224.965)

Conversions

Conversions Part 1

Format	Color
Hex	9EB1B7
RGB	158, 177, 183
RGB Percent	62%, 69%, 72%
CMY	0.3800, 0.3055, 0.2819
CMYK	0.14, 0.03, 0.00, 0.28
HSL	194°, 15%, 67%
HSV	194°, 14%, 72%
XYZ	38.4210, 42.1875, 50.9741
YIQ	172.0030, -13.2500, -2.1620

Conversions

Conversions Part 2

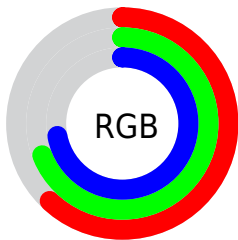
Format	Color
RYB	158, 169, 183
Decimal	10400183
CIELab	71.00, -5.30, -5.30
CIELCh	71, 7.494, 224.965
Yxy	42.1875, 0.2920, 0.3206
Android (android.graphics.Color)	4288590263 (0xFF9EB1B7)
YUV	172.0030, 5.4215, -12.2806
Hunter-Lab	64.9519, -8.0777, -1.0643

Details

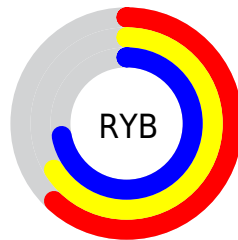
The CIELCh color **71, 7.494, 224.965** is a light color, and the websafe version is hex **999999**. A complement of this color would be **69, 8.140, 43.648**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 7.486, 223.669**, and **51, 7.552, 226.529** is the 20% darker color. If you saturate the color by 10%, you get **69, 12.625, 225.646**, and if you desaturate by 10%, it is **74, 2.054, 224.593**.

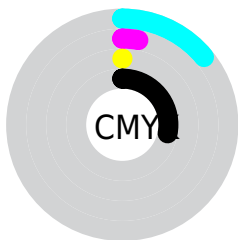
Distribution



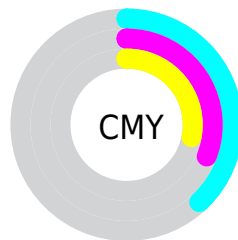
- Red (62%)
- Green (69%)
- Blue (72%)



- Red (62%)
- Yellow (66%)
- Blue (72%)



- Cyan (14%)
- Magenta (3%)
- Yellow (0%)
- Black (28%)



- Cyan (38%)
- Magenta (31%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 7.494, 224.965 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, 7.494, 224.965 by changing the saturation by 10% instead.

■ 71, 7.494, 224.965

■ 71, 7.494, 224.965

■ 100, 7.494,
224.965

■ 61, 7.494, 224.965

■ 91, 7.494, 224.965

■ 51, 7.494, 224.965

■ 41, 7.494, 224.965

■ 31, 7.494, 224.965

■ 21, 7.494, 224.965

■ 11, 7.494, 224.965

■ 1, 7.494, 224.965

■ 0, 7.494, 224.965

■ 71, 7.494, 224.965

■ 71, 7.494, 224.965

69, 12.625,
225.646

74, 2.054, 224.593

66, 17.371,
226.594

76, 3.628, 43.825

79, 9.494, 43.634

64, 21.656,
227.846

81, 15.495, 43.468

62, 25.406,
229.473

84, 21.592, 43.358

86, 22.989, 47.993

60, 28.563,
231.560

87, 22.705, 54.775

58, 31.103,
234.195

88, 22.753, 61.619

89, 23.128, 68.325

56, 33.049,
237.461

55, 34.492,
241.400

54, 35.293,

Harmonies

Complementary

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



71, 7.494, 224.965



69, 8.140, 43.648

Rectangle

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



71, 7.494, 224.965



71, 7.494, 274.965



71, 7.494, 44.965



71, 7.494, 94.965

Sweetspot

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



71, 7.494, 224.952



93, 2.772, 224.588



72, 14.103, 150.814



49, 1.982, 224.589



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, 7.494, 224.952



89, 10.762, 225.110



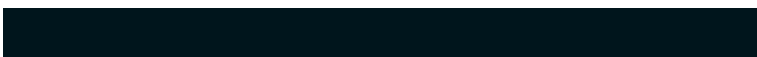
68, 10.338, 277.864



38, 3.150, 224.731



46, 31.197, 243.477



6, 8.520, 235.881

Inverse Universe

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



68, 14.096, 332.820



84, 20.410, 332.997



72, 10.261, 94.457



36, 5.845, 332.527



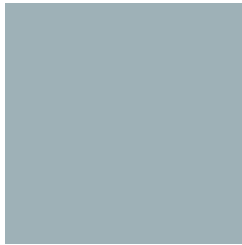
35, 66.604, 340.480



3, 14.826, 336.024

Previews

White Background



This preview shows how the CIELCh color 71, 7.494, 224.965 looks on a white background.

Color Contrast Check

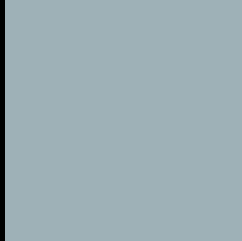
Large Text (above 18pt) WCAG AA × Fail

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, 7.494, 224.965 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

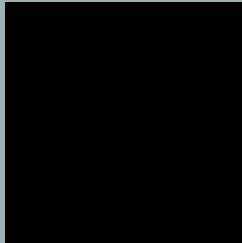
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

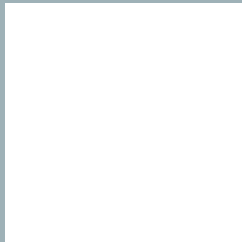
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 7.494, 224.965

Background



This preview shows how black text looks on a background with the CIELCh color 71, 7.494, 224.965.



This preview shows how white text looks on a background with the CIELCh color 71, 7.494, 224.965.

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

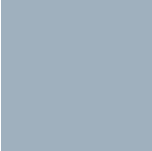
71, 7.494, 224.965

Protanopia

71, 3.909, 301.479

Deuteranopia

71, 11.276, 324.918



Tritanopia
71, 9.594, 252.165

Trichromacy



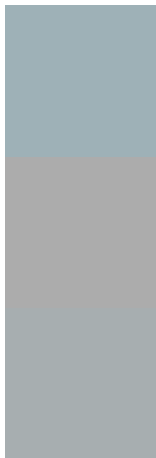
Original Color
71, 7.494, 224.965

Protanomaly
71, 4.212, 264.794

Deuteranomaly
71, 7.286, 302.487

Tritanomaly
71, 8.416, 244.792

Monochromacy



Original Color
71, 7.494, 224.965

Achromatopsia
70, 0.009, 296.813

Achromatomaly
71, 2.793, 222.439

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 7.494, 224.965 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(158, 177, 183)` looks like.

```
.text, #text, p{  
    color:rgb(158, 177, 183)  
}
```

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(158, 177, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 177, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 7.494, 224.965 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(158, 177, 183) }
```

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

```
.border{ border-color:rgb(158, 177, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 177, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 177, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 177, 183);  
box-shadow:4px 4px 4px 4px rgb(158, 177,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 7.494, 224.965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 177, 183) }
```

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

```
.background{ background-color: rgb(158,  
177, 183) }
```

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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