

Converting Colors

CIELCh(70, 14.732, 223.120)

Have a look what the booklet for
CIELCh(70, 14.732, 223.120)
contains.

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Color

CIELCh(70, 14.733, 222.706)

Conversions

Conversions Part 1

Format	Color
Hex	8AB2BD
RGB	138, 178, 189
RGB Percent	54%, 70%, 74%
CMY	0.4601, 0.3032, 0.2601
CMYK	0.27, 0.06, 0.00, 0.26
HSL	193°, 28%, 64%
HSV	193°, 27%, 74%
XYZ	35.4357, 40.7494, 53.9575
YIQ	167.2940, -27.3710, -5.0590

Conversions

Conversions Part 2

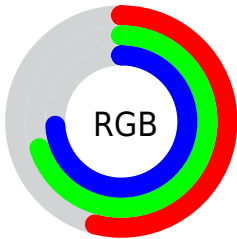
Format	Color
RYB	138, 160, 189
Decimal	9089725
CIELab	70.00, -10.83, -9.99
CIElCh	70, 14.733, 222.706
Yxy	40.7494, 0.2723, 0.3131
Android (android.graphics.Color)	4287279805 (0xFF8AB2BD)
YUV	167.2940, 10.7011, -25.6908
Hunter-Lab	63.8353, -12.6244, -5.4309

Details

The CIELCh color **70, 14.733, 222.706** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **65, 17.645, 40.800**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 14.585, 221.799**, and **50, 14.835, 224.066** is the 20% darker color. If you saturate the color by 10%, you get **68, 19.448, 223.584**, and if you desaturate by 10%, it is **72, 9.574, 222.065**.

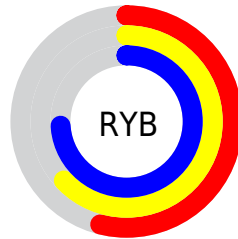
Distribution



Red (54%)

Green (70%)

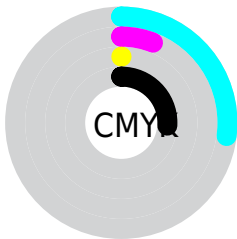
Blue (74%)



Red (54%)

Yellow (63%)

Blue (74%)

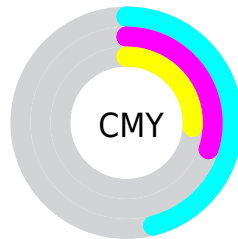


Cyan (27%)

Magenta (6%)

Yellow (0%)

Black (26%)



Cyan (46%)


Magenta (30%)


Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 14.733, 222.706 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 70, 14.733, 222.706 by changing the saturation by 10% instead.


 70, 14.733,
222.706


 70, 14.733,
222.706


 100, 14.733,
222.706


 60, 14.733,
222.706


 90, 14.733,
222.706

 50, 14.733,
222.706

 40, 14.733,
222.706

 30, 14.733,
222.706

 20, 14.733,
222.706

 10, 14.733,
222.706

 0, 14.733, 222.706

70, 14.733,
222.706

70, 14.733,
222.706

68, 19.448,
223.584

72, 9.574, 222.065

66, 23.635,
224.768

75, 4.054, 221.669

77, 1.750, 40.924

64, 27.216,
226.325

80, 7.772, 40.942

62, 30.136,
228.336

82, 13.957, 40.849

85, 20.256, 40.804

60, 32.377,
230.889

87, 21.164, 45.931

59, 33.978,
234.058

88, 20.821, 52.752

89, 20.788, 59.689

57, 35.065,
237.860

57, 35.368,

239.028

Harmonies

Complementary

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



70, 14.733, 222.706



65, 17.645, 40.800

Rectangle

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



70, 14.733, 222.706



70, 14.733, 272.706



70, 14.733, 42.706



70, 14.733, 92.706

Sweetspot

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



70, 14.733, 222.701



94, 5.689, 221.696



72, 29.375, 148.543



50, 4.027, 221.742



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



70, 14.733, 222.701



87, 21.136, 223.152



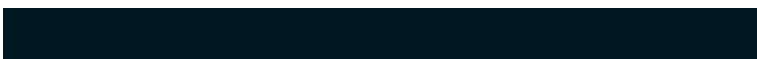
63, 20.450, 277.660



39, 3.252, 221.733



48, 30.971, 238.412



7, 9.472, 231.398

Inverse Universe

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



63, 29.185, 332.819



78, 42.630, 333.199



71, 20.357, 90.324



37, 6.084, 331.635



35, 68.567, 338.964



3, 17.361, 335.056

Previews

White Background



This preview shows how the CIELCh color 70, 14.733, 222.706 looks on a white background.

Color Contrast Check

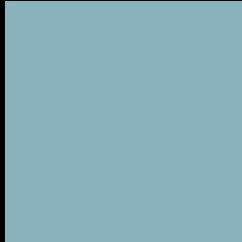
Large Text (above 18pt) WCAG AA × Fail

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 70, 14.733, 222.706 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

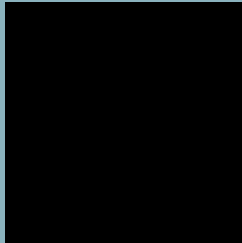
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

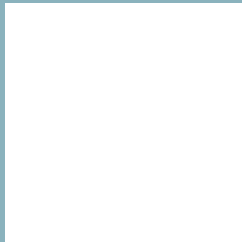
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 14.733, 222.706

Background



This preview shows how black text looks on a background with the CIELCh color 70, 14.733, 222.706.

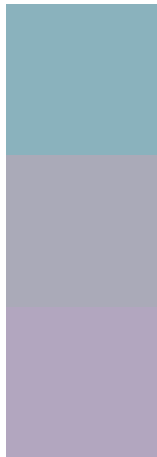


This preview shows how white text looks on a background with the CIELCh color 70, 14.733, 222.706.

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

70, 14.733, 222.706

Protanopia

70, 7.674, 290.949

Deuteranopia

70, 14.452, 308.963



Tritanopia
70, 15.061, 229.302

Trichromacy



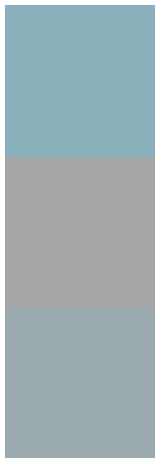
Original Color
70, 14.733, 222.706

Protanomaly
70, 8.789, 253.460

Deuteranomaly
70, 11.189, 278.448

Tritanomaly
70, 14.841, 227.338

Monochromacy



Original Color
70, 14.733, 222.706

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 5.852, 221.157

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 14.733, 222.706 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(138, 178, 189)` looks like.

```
.text, #text, p{  
    color:rgb(138, 178, 189)  
}
```

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(138, 178, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 178, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 14.733, 222.706 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(138, 178, 189) }
```

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

```
.border{ border-color:rgb(138, 178, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 178, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 178, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 178, 189);  
box-shadow:4px 4px 4px 4px rgb(138, 178,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 14.733, 222.706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 178, 189) }
```

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

```
.background{ background-color: rgb(138,  
178, 189) }
```

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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