

Converting Colors

CIELCh(70, 12.942, 221.017)

Have a look what the booklet for
CIELCh(70, 12.942, 221.017)
contains.

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Color

CIELCh(70, 12.950, 221.024)

Conversions

Conversions Part 1

Format	Color
Hex	8EB1BA
RGB	142, 177, 186
RGB Percent	56%, 69%, 73%
CMY	0.4431, 0.3058, 0.2705
CMYK	0.24, 0.05, 0.00, 0.27
HSL	192°, 24%, 64%
HSV	192°, 24%, 73%
XYZ	35.7487, 40.7494, 52.4455
YIQ	167.5610, -23.7490, -4.6210

Conversions

Conversions Part 2

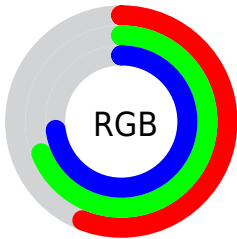
Format	Color
RYB	142, 161, 186
Decimal	9351610
CIELab	70.00, -9.77, -8.50
CIELCh	70, 12.950, 221.024
Yxy	40.7494, 0.2772, 0.3160
Android (android.graphics.Color)	4287541690 (0xFF8EB1BA)
YUV	167.5610, 9.0904, -22.4170
Hunter-Lab	63.8353, -11.7491, -4.0265

Details

The CIELCh color **70, 12.950, 221.024** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **65, 15.146, 39.638**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 13.118, 219.664**, and **50, 12.781, 222.812** is the 20% darker color. If you saturate the color by 10%, you get **68, 17.782, 221.738**, and if you desaturate by 10%, it is **72, 7.700, 220.522**.

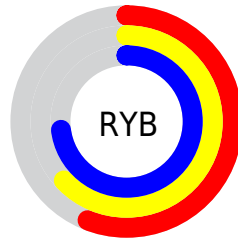
Distribution



Red (56%)

Green (69%)

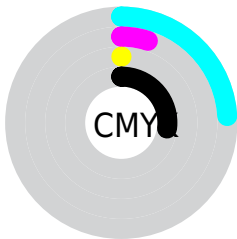
Blue (73%)



Red (56%)

Yellow (63%)

Blue (73%)

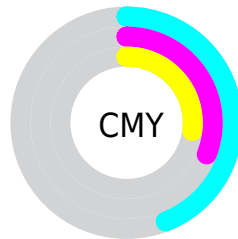


Cyan (24%)

Magenta (5%)

Yellow (0%)

Black (27%)



Cyan (44%)


Magenta (31%)


Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 12.950, 221.024 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, 12.950, 221.024 by changing the saturation by 10% instead.


 70, 12.950,
221.024


 70, 12.950,
221.024


 100, 12.950,
221.024


 60, 12.950,
221.024


 90, 12.950,
221.024

 50, 12.950,
221.024

 40, 12.950,
221.024

 30, 12.950,
221.024

 20, 12.950,
221.024

 10, 12.950,
221.024

 0, 12.950, 221.024

70, 12.950,
221.024

70, 12.950,
221.024

68, 17.782,
221.738

72, 7.700, 220.522

66, 22.109,
222.727

75, 2.112, 220.338

77, 3.738, 39.726

64, 25.850,
224.046

80, 9.787, 39.677

62, 28.938,
225.772

82, 15.983, 39.640

85, 22.280, 39.649

60, 31.338,
227.987

86, 22.177, 45.032

59, 33.063,
230.772

87, 21.798, 51.095

88, 21.676, 57.294

58, 34.192,
234.186

57, 34.748,

236.568

Harmonies

Complementary

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



70, 12.950, 221.024



65, 15.146, 39.638

Rectangle

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



70, 12.950, 221.024



70, 12.950, 271.024



70, 12.950, 41.024



70, 12.950, 91.024

Sweetspot

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



70, 12.950, 221.018



93, 4.975, 220.330



72, 25.419, 148.841



50, 3.254, 220.340



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, 12.950, 221.018



88, 18.692, 221.334



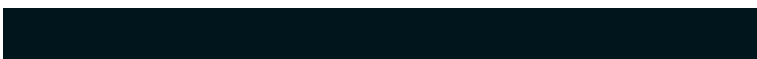
64, 17.633, 277.070



38, 3.197, 220.378



48, 30.400, 235.964



6, 8.532, 230.085

Inverse Universe

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



64, 25.447, 332.176



79, 37.323, 332.499



71, 17.566, 90.762



36, 5.995, 331.233



35, 68.318, 338.268



3, 15.322, 334.145

Previews

White Background



This preview shows how the CIELCh color 70, 12.950, 221.024 looks on a white background.

Color Contrast Check

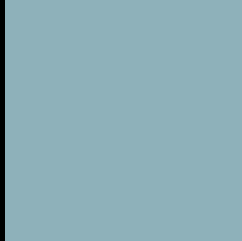
Large Text (above 18pt) WCAG AA × Fail

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, 12.950, 221.024 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

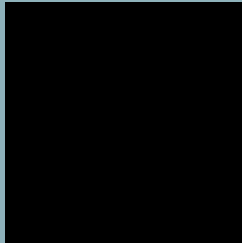
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

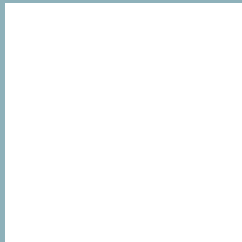
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 12.950, 221.024

Background



This preview shows how black text looks on a background with the CIELCh color 70, 12.950, 221.024.

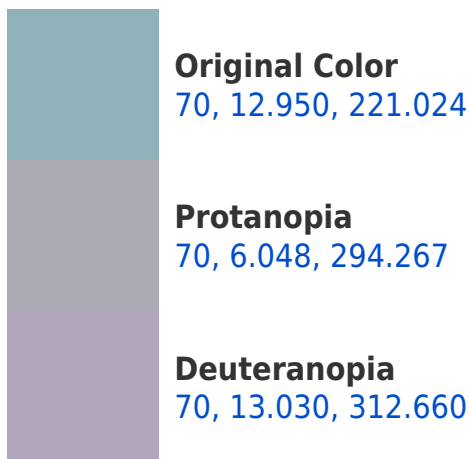


This preview shows how white text looks on a background with the CIELCh color 70, 12.950, 221.024.

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
70, 13.472, 233.549

Trichromacy



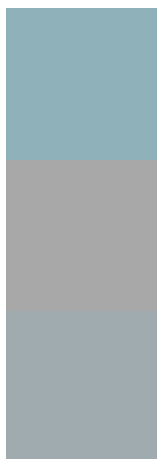
Original Color
70, 12.950, 221.024

Protanomaly
70, 7.118, 249.630

Deuteranomaly
70, 9.401, 282.322

Tritanomaly
70, 13.212, 231.438

Monochromacy



Original Color
70, 12.950, 221.024

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 4.875, 225.983

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 12.950, 221.024 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(142, 177, 186)` looks like.

```
.text, #text, p{  
    color:rgb(142, 177, 186)  
}
```

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(142, 177, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 177, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 12.950, 221.024 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(142, 177, 186) }
```

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

```
.border{ border-color:rgb(142, 177, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 177, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 177, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 177, 186);  
box-shadow:4px 4px 4px 4px rgb(142, 177,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 12.950, 221.024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 177, 186) }
```

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

```
.background{ background-color: rgb(142,  
177, 186) }
```

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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