

Converting Colors

CIELCh(70, 15.375, 225.286)

Have a look what the booklet for
CIELCh(70, 15.375, 225.286)
contains.

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Color

CIELCh(70, 15.191, 224.207)

Conversions

Conversions Part 1

Format	Color
Hex	89B2BE
RGB	137, 178, 190
RGB Percent	54%, 70%, 75%
CMY	0.4637, 0.3029, 0.2559
CMYK	0.28, 0.06, 0.00, 0.26
HSL	194°, 29%, 64%
HSV	194°, 28%, 74%
XYZ	35.4171, 40.7494, 54.5730
YIQ	167.1090, -28.2880, -4.9600

Conversions

Conversions Part 2

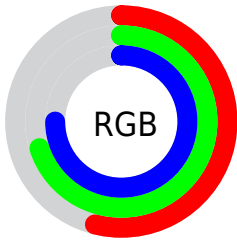
Format	Color
RYB	137, 160, 190
Decimal	9024190
CIELab	70.00, -10.89, -10.59
CIElCh	70, 15.191, 224.207
Yxy	40.7494, 0.2709, 0.3117
Android (android.graphics.Color)	4287214270 (0xFF89B2BE)
YUV	167.1090, 11.2853, -26.4056
Hunter-Lab	63.8353, -12.6763, -6.0026

Details

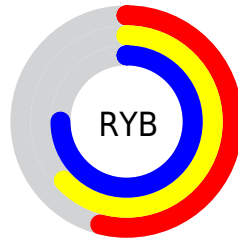
The CIELCh color **70, 15.191, 224.207** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **65, 18.283, 41.917**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 15.036, 223.228**, and **50, 15.293, 225.697** is the 20% darker color. If you saturate the color by 10%, you get **68, 19.879, 225.184**, and if you desaturate by 10%, it is **72, 10.058, 223.480**.

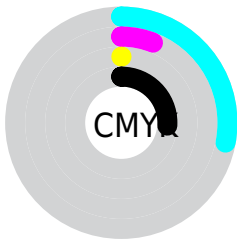
Distribution



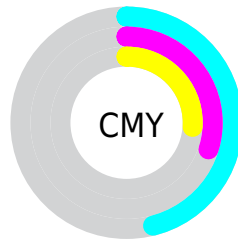
- Red (54%)
- Green (70%)
- Blue (75%)



- Red (54%)
- Yellow (63%)
- Blue (75%)



- Cyan (28%)
- Magenta (6%)
- Yellow (0%)
- Black (26%)





- Cyan (46%)
- Magenta (30%)
- Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 15.191, 224.207 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, 15.191, 224.207 by changing the saturation by 10% instead.


 70, 15.191,
224.207


 70, 15.191,
224.207


 100, 15.191,
224.207


 60, 15.191,
224.207


 90, 15.191,
224.207

 50, 15.191,
224.207

 40, 15.191,
224.207

 30, 15.191,
224.207

 20, 15.191,
224.207

 10, 15.191,
224.207

 0, 15.191, 224.207

70, 15.191,
224.207

70, 15.191,
224.207

68, 19.879,
225.184

72, 10.058,
223.480

66, 24.041,
226.487

75, 4.564, 223.002

77, 1.217, 42.081

64, 27.602,
228.185

80, 7.218, 42.168

62, 30.513,
230.363

83, 13.384, 42.030

60, 32.762,
233.110

86, 19.667, 41.944

87, 20.686, 47.414

58, 34.400,
236.499

88, 20.410, 54.800

57, 35.576,
240.509

89, 20.487, 62.248

57, 35.815,

Harmonies

Complementary

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



70, 15.191, 224.207



65, 18.283, 41.917

Rectangle

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



70, 15.191, 224.207



70, 15.191, 274.207



70, 15.191, 44.207



70, 15.191, 94.207

Sweetspot

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



70, 15.191, 224.202



95, 5.711, 223.008



72, 30.117, 149.030



51, 4.077, 223.063



99, 0.012, 296.813



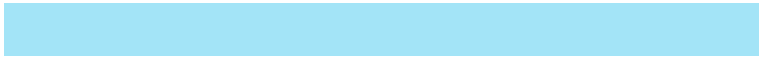
52, 0.007, 296.813

Same Dimension

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



70, 15.191, 224.202



87, 22.397, 224.821



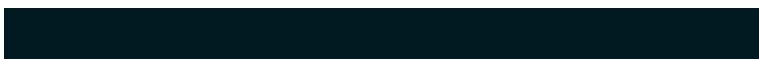
63, 21.683, 279.000



39, 3.238, 223.051



48, 31.212, 240.696



7, 9.466, 233.269

Inverse Universe

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



63, 30.069, 333.289



77, 45.290, 333.759



72, 21.471, 91.464



37, 6.037, 332.026



35, 68.039, 339.635



3, 17.185, 335.644

Previews

White Background



This preview shows how the CIE LCh color 70, 15.191, 224.207 looks on a white background.

Color Contrast Check

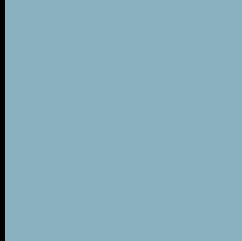
Large Text (above 18pt) WCAG AA × Fail

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, 15.191, 224.207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

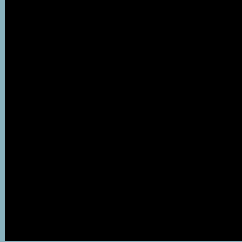
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

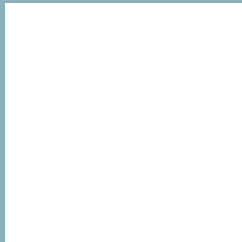
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 15.191, 224.207

Background



This preview shows how black text looks on a background with the CIELCh color 70, 15.191, 224.207.



This preview shows how white text looks on a background with the CIELCh color 70, 15.191, 224.207.

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](#).

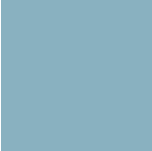
Dichromacy



Original Color
70, 15.191, 224.207

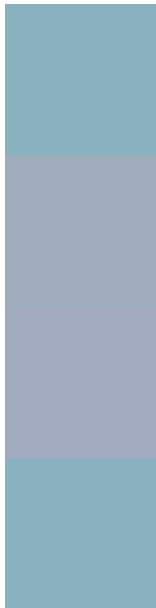
Protanopia
70, 8.791, 293.424

Deuteranopia
70, 14.872, 307.004



Tritanopia
70, 15.558, 230.578

Trichromacy



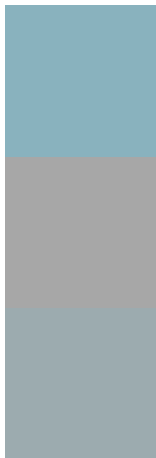
Original Color
70, 15.191, 224.207

Protanomaly
70, 9.496, 259.426

Deuteranomaly
70, 11.793, 277.456

Tritanomaly
70, 15.329, 228.691

Monochromacy



Original Color
70, 15.191, 224.207

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, 15.191, 224.207 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(137, 178, 190)` looks like.

```
.text, #text, p{  
    color:rgb(137, 178, 190)  
}
```

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(137, 178, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 178, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 15.191, 224.207 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(137, 178, 190) }
```

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

```
.border{ border-color:rgb(137, 178, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 178, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 178, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 178, 190);  
box-shadow:4px 4px 4px 4px rgb(137, 178,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 15.191, 224.207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 178, 190) }
```

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

```
.background{ background-color: rgb(137,  
178, 190) }
```

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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