

Converting Colors

CIELCh(70, 24.112, 152.410)

Have a look what the booklet for
CIELCh(70, 24.112, 152.410)
contains.

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Color

CIELCh(70, 23.793, 152.250)

Conversions

Conversions Part 1

Format	Color
Hex	89B596
RGB	137, 181, 150
RGB Percent	54%, 71%, 59%
CMY	0.4614, 0.2888, 0.4104
CMYK	0.24, 0.00, 0.17, 0.29
HSL	138°, 23%, 62%
HSV	138°, 24%, 71%
XYZ	32.4987, 40.7494, 35.1486
YIQ	164.3100, -16.2730, -18.9690

Conversions

Conversions Part 2

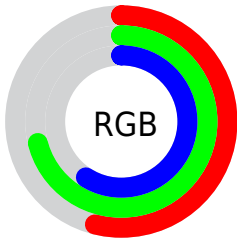
Format	Color
RYB	137, 171, 181
Decimal	9024918
CIELab	70.00, -21.06, 11.08
CIELCh	70, 23.793, 152.250
Yxy	40.7494, 0.2998, 0.3759
Android (android.graphics.Color)	4287214998 (0xFF89B596)
YUV	164.3100, -7.0548, -23.9509
Hunter-Lab	63.8353, -20.8369, 12.0387

Details

The CIELCh color **70, 23.793, 152.250** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **62, 24.011, 335.788**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 23.877, 152.156**, and **50, 23.891, 152.074** is the 20% darker color. If you saturate the color by 10%, you get **69, 33.491, 151.278**, and if you desaturate by 10%, it is **71, 13.972, 153.100**.

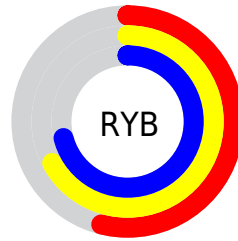
Distribution



Red (54%)

Green (71%)

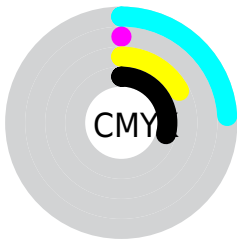
Blue (59%)



Red (54%)

Yellow (67%)

Blue (71%)

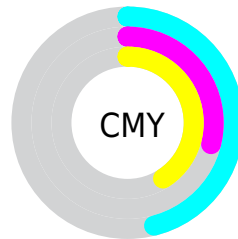


Cyan (24%)

Magenta (0%)

Yellow (17%)

Black (29%)



Cyan (46%)


Magenta (29%)


Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 23.793, 152.250 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, 23.793, 152.250 by changing the saturation by 10% instead.


 70, 23.793,
152.250


 70, 23.793,
152.250


 100, 23.793,
152.250


 60, 23.793,
152.250


 90, 23.793,
152.250

 50, 23.793,
152.250

 40, 23.793,
152.250

 30, 23.793,
152.250

 20, 23.793,
152.250

 10, 23.793,
152.250

 0, 23.793, 152.250

70, 23.793,
152.250

70, 23.793,
152.250

69, 33.491,
151.278

71, 13.972,
153.100

68, 42.904,
150.162

73, 4.157, 153.889

75, 5.551, 334.402

67, 51.854,
148.881

77, 15.075,
335.009

66, 60.154,
147.420

79, 24.365,
335.525

65, 67.631,
145.780

81, 33.387,
335.984

65, 74.142,
143.978

82, 40.067,
332.641

65, 79.596,
142.070

83, 45.121,
326.945

65, 82.318,

141.033

 83, 46.131,
326.021

Harmonies

Complementary

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



70, 23.793, 152.250



62, 24.011, 335.788

Rectangle

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



70, 23.793, 152.250



70, 23.793, 202.250



70, 23.793, 332.250



70, 23.793, 22.250

Sweetspot

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



70, 23.794, 152.249



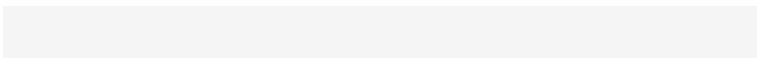
91, 8.419, 153.659



72, 24.215, 119.746



48, 5.468, 153.614



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



70, 23.794, 152.249



87, 35.011, 151.760



71, 16.671, 179.771



38, 5.591, 153.487



56, 73.074, 141.285



8, 16.240, 151.094

Inverse Universe

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



62, 24.011, 335.788



76, 35.369, 336.190



62, 18.300, 4.520



36, 5.618, 334.693



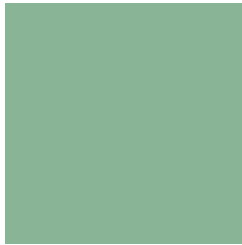
34, 64.162, 344.261



3, 14.119, 339.060

Previews

White Background



This preview shows how the CIELCh color 70, 23.793, 152.250 looks on a white background.

Color Contrast Check

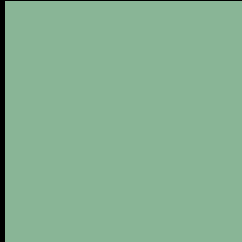
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 70, 23.793, 152.250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

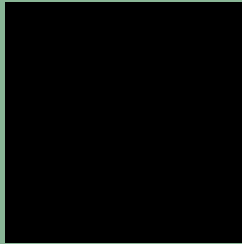
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 23.793, 152.250

Background



This preview shows how black text looks on a background with the CIELCh color 70, 23.793, 152.250.



This preview shows how white text looks on a background with the CIELCh color 70, 23.793, 152.250.

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, 23.793, 152.250

Protanopia
70, 14.093, 93.950

Deuteranopia
70, 12.826, 45.323



Tritanopia
70, 12.948, 235.212

Trichromacy



Original Color
70, 23.793, 152.250

Protanomaly
70, 15.232, 123.632

Deuteranomaly
69, 9.346, 101.996

Tritanomaly
70, 12.892, 193.478

Monochromacy



Original Color
70, 23.793, 152.250

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 8.604, 154.177

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 23.793, 152.250 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, 181, 150)` looks like.

```
.text, #text, p{  
    color:rgb(137, 181, 150)  
}
```

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, 181, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 181, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 23.793, 152.250 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, 181, 150) }
```

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

```
.border{ border-color:rgb(137, 181, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 181, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 181, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 181, 150);  
box-shadow:4px 4px 4px 4px rgb(137, 181,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 23.793, 152.250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 181, 150) }
```

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

```
.background{ background-color: rgb(137,  
181, 150) }
```

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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