

Converting Colors

CIELCh(62, 12.964, 143.896)

Have a look what the booklet for
CIELCh(62, 12.964, 143.896)
contains.

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Color

CIELCh(62, 13.026, 143.738)

Conversions

Conversions Part 1

Format	Color
Hex	889B88
RGB	136, 155, 136
RGB Percent	53%, 61%, 53%
CMY	0.4671, 0.3926, 0.4671
CMYK	0.12, 0.00, 0.12, 0.39
HSL	120°, 9%, 57%
HSV	120°, 12%, 61%
XYZ	26.2722, 30.4025, 27.7334
YIQ	147.1530, -5.2250, -9.9370

Conversions

Conversions Part 2

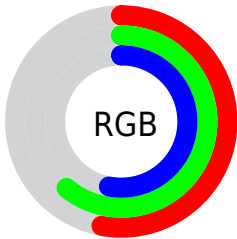
Format	Color
RYB	136, 155, 155
Decimal	8952712
CIELab	62.00, -10.50, 7.70
CIELCh	62, 13.026, 143.738
Yxy	30.4025, 0.3113, 0.3602
Android (android.graphics.Color)	4287142792 (0xFF889B88)
YUV	147.1530, -5.4984, -9.7812
Hunter-Lab	55.1385, -11.4413, 8.7754

Details

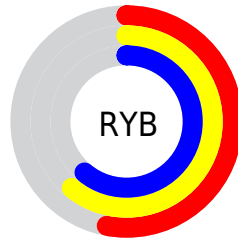
The CIELCh color **62, 13.026, 143.738** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **59, 13.043, 325.083**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 12.952, 143.899**, and **42, 13.286, 143.440** is the 20% darker color. If you saturate the color by 10%, you get **61, 23.727, 143.029**, and if you desaturate by 10%, it is **64, 2.386, 144.410**.

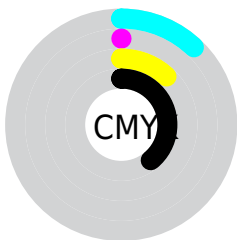
Distribution



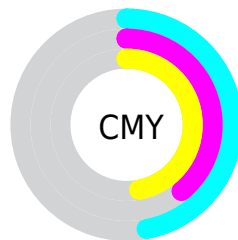
- Red (53%)
- Green (61%)
- Blue (53%)



- Red (53%)
- Yellow (61%)
- Blue (61%)



- Cyan (12%)
- Magenta (0%)
- Yellow (12%)
- Black (39%)





- Cyan (47%)
- Magenta (39%)
- Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 13.026, 143.738 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 62, 13.026, 143.738 by changing the saturation by 10% instead.


 62, 13.026,
143.738


 62, 13.026,
143.738


 100, 13.026,
143.738


 52, 13.026,
143.738


 82, 13.026,
143.738

 42, 13.026,
143.738

 92, 13.026,
143.738

 32, 13.026,
143.738

 22, 13.026,
143.738

 12, 13.026,
143.738

 2, 13.026, 143.738

 0, 13.026, 143.738

62, 13.026,
143.738

62, 13.026,
143.738

61, 23.727,
143.029

64, 2.386, 144.410

59, 34.330,
142.209

65, 8.088, 324.801

58, 44.631,
141.273

67, 18.318,
325.246

57, 54.367,
140.232

69, 28.258,
325.615

57, 63.214,
139.125

71, 37.882,
325.928

56, 70.791,
138.031

73, 47.183,
326.194


56, 76.683,
137.073

76, 56.160,
326.421

56, 80.545,

77, 62.176,
326.557

136.389

 55, 82.540,
136.016

Harmonies

Complementary

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



62, 13.026, 143.738



59, 13.043, 325.083

Rectangle

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



62, 13.026, 143.738



62, 13.026, 193.738



62, 13.026, 323.738



62, 13.026, 13.738

Sweetspot

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



62, 13.028, 143.738



80, 5.228, 144.269



63, 10.550, 109.020



43, 3.748, 144.220



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



62, 13.028, 143.738



78, 19.763, 143.534



62, 9.065, 162.673



32, 5.931, 143.937



50, 76.767, 136.017



3, 6.385, 144.444

Inverse Universe

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



59, 13.043, 325.083



74, 19.783, 325.249



59, 9.207, 344.629



30, 5.940, 324.914



33, 74.066, 328.235



1, 6.386, 324.440

Previews

White Background



This preview shows how the CIELCh color 62, 13.026, 143.738 looks on a white background.

Color Contrast Check

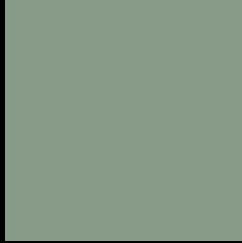
Large Text (above 18pt) WCAG AA × Fail

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 62, 13.026, 143.738 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

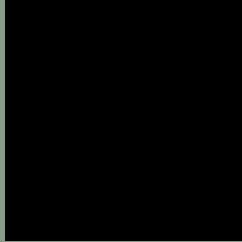
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 13.026, 143.738

Background



This preview shows how black text looks on a background with the CIELCh color 62, 13.026, 143.738.



This preview shows how white text looks on a background with the CIELCh color 62, 13.026, 143.738.

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
62, 13.026, 143.738

Protanopia
62, 9.372, 91.578

Deuteranopia
62, 10.296, 39.169



Tritanopia
62, 7.761, 259.671

Trichromacy



Original Color
62, 13.026, 143.738

Protanomaly
62, 9.528, 113.936

Deuteranomaly
62, 6.930, 81.910

Tritanomaly
62, 4.907, 205.632

Monochromacy



Original Color
62, 13.026, 143.738

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 4.800, 144.228

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 13.026, 143.738 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(136, 155, 136)` looks like.

```
.text, #text, p{  
    color:rgb(136, 155, 136)  
}
```

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(136, 155, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 155, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 13.026, 143.738 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(136, 155, 136) }
```

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

```
.border{ border-color:rgb(136, 155, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 155, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(136, 155, 136); -webkit-box-shadow:4px 4px 4px 4px rgb(136, 155, 136); box-shadow:4px 4px 4px 4px rgb(136, 155, 136) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 13.026, 143.738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 155, 136) }
```

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

```
.background{ background-color: rgb(136,  
155, 136) }
```

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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