

Converting Colors

CIELCh(70, 10.586, 143.944)

Have a look what the booklet for
CIELCh(70, 10.586, 143.944)
contains.

CIELCh(70, 10.033, 143.971)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(70, 10.033, 143.971)

Conversions

Conversions Part 1

Format	Color
Hex	A0AFA0
RGB	160, 175, 160
RGB Percent	63%, 69%, 63%
CMY	0.3720, 0.3131, 0.3720
CMYK	0.09, 0.00, 0.09, 0.31
HSL	120°, 9%, 66%
HSV	120°, 9%, 69%
XYZ	36.2431, 40.7494, 39.2796
YIQ	168.8050, -4.1250, -7.8450

Conversions

Conversions Part 2

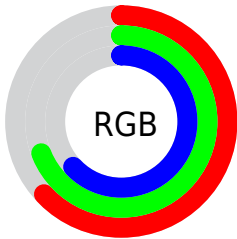
Format	Color
RYB	160, 175, 175
Decimal	10530720
CIELab	70.00, -8.11, 5.90
CIELCh	70, 10.033, 143.971
Yxy	40.7494, 0.3117, 0.3505
Android (android.graphics.Color)	4288720800 (0xFFA0AFA0)
YUV	168.8050, -4.3409, -7.7220
Hunter-Lab	63.8353, -10.3667, 8.2019

Details

The CIELCh color **70, 10.033, 143.971** is a light color, and the websafe version is hex **999999**. A complement of this color would be **68, 10.051, 324.881**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 10.148, 144.069**, and **50, 10.243, 145.588** is the 20% darker color. If you saturate the color by 10%, you get **68, 21.858, 143.289**, and if you desaturate by 10%, it is **72, 1.674, 324.377**.

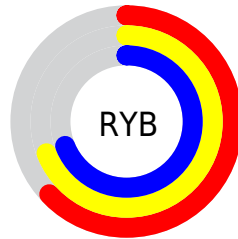
Distribution



Red (63%)

Green (69%)

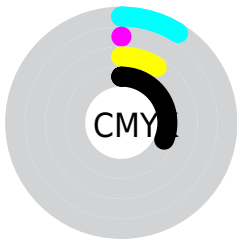
Blue (63%)



Red (63%)

Yellow (69%)

Blue (69%)

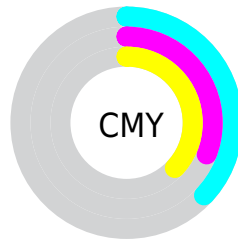


Cyan (9%)

Magenta (0%)

Yellow (9%)

Black (31%)



Cyan (37%)


Magenta (31%)


Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 10.033, 143.971 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, 10.033, 143.971 by changing the saturation by 10% instead.


 70, 10.033,
143.971


 70, 10.033,
143.971


 100, 10.033,
143.971


 60, 10.033,
143.971


 90, 10.033,
143.971

 50, 10.033,
143.971

 40, 10.033,
143.971

 30, 10.033,
143.971

 20, 10.033,
143.971

 10, 10.033,
143.971

 0, 10.033, 143.971

70, 10.033,
143.971

70, 10.033,
143.971

68, 21.858,
143.289

72, 1.674, 324.377

67, 33.640,
142.501

74, 13.159,
324.981

66, 45.169,
141.596

76, 24.350,
325.397

65, 56.173,
140.577

78, 35.203,
325.745

64, 66.309,
139.473

80, 45.699,
326.040


63, 75.166,
138.354

81, 49.953,
326.150

63, 82.282,
137.331

62, 87.226,

136.548

 62, 90.021,
136.077

Harmonies

Complementary

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



70, 10.033, 143.971



68, 10.051, 324.881

Rectangle

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



70, 10.033, 143.971



70, 10.033, 193.971



70, 10.033, 323.971



70, 10.033, 13.971

Sweetspot

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



70, 10.035, 143.971



90, 4.314, 144.339



71, 8.016, 108.681



48, 3.300, 144.280



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



70, 10.035, 143.971



88, 14.476, 143.867



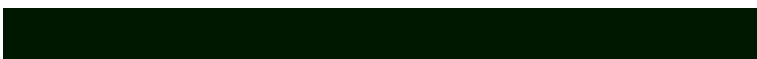
70, 7.081, 162.122



36, 6.580, 143.924



54, 80.802, 136.016



6, 13.855, 144.443

Inverse Universe

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



68, 10.051, 324.881



85, 14.497, 324.971



67, 7.159, 343.406



34, 6.590, 324.922



35, 77.962, 328.232



2, 13.857, 324.438

Previews

White Background



This preview shows how the CIELCh color 70, 10.033, 143.971 looks on a white background.

Color Contrast Check

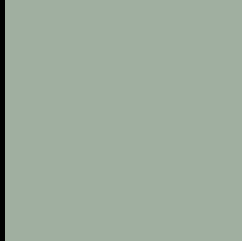
Large Text (above 18pt) WCAG AA × Fail

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, 10.033, 143.971 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

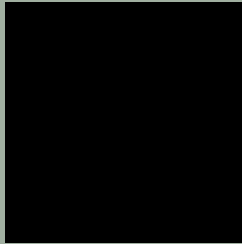
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

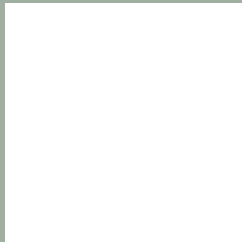
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 10.033, 143.971

Background



This preview shows how black text looks on a background with the CIELCh color 70, 10.033, 143.971.



This preview shows how white text looks on a background with the CIELCh color 70, 10.033, 143.971.

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](#).

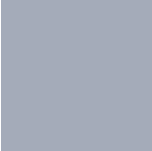
Dichromacy



Original Color
70, 10.033, 143.971

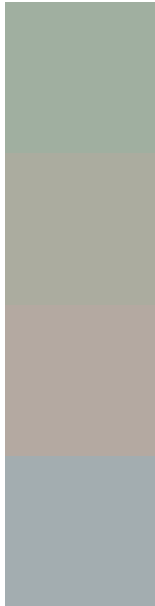
Protanopia
70, 7.080, 86.849

Deuteranopia
70, 10.306, 29.333



Tritanopia
70, 8.024, 272.642

Trichromacy



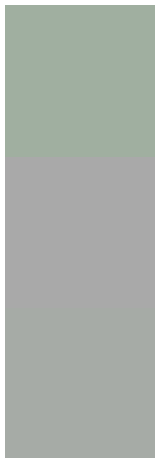
Original Color
70, 10.033, 143.971

Protanomaly
70, 7.100, 112.574

Deuteranomaly
70, 6.095, 65.238

Tritanomaly
70, 3.999, 223.525

Monochromacy



Original Color
70, 10.033, 143.971

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 3.339, 144.350

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 10.033, 143.971 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(160, 175, 160)` looks like.

```
.text, #text, p{  
    color:rgb(160, 175, 160)  
}
```

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(160, 175, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 175, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 10.033, 143.971 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(160, 175, 160) }
```

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

```
.border{ border-color:rgb(160, 175, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 175, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 175, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 175, 160);  
box-shadow:4px 4px 4px 4px rgb(160, 175,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 10.033, 143.971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 175, 160) }
```

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

```
.background{ background-color: rgb(160,  
175, 160) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor