

Converting Colors

CIELCh(70, 13.077, 161.949)

Have a look what the booklet for
CIELCh(70, 13.077, 161.949)
contains.

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Color

CIELCh(70, 13.368, 160.500)

Conversions

Conversions Part 1

Format	Color
Hex	96B2A3
RGB	150, 178, 163
RGB Percent	59%, 70%, 64%
CMY	0.4134, 0.3036, 0.3624
CMYK	0.16, 0.00, 0.08, 0.30
HSL	148°, 15%, 64%
HSV	148°, 16%, 70%
XYZ	34.9140, 40.7494, 40.4827
YIQ	167.9180, -11.8730, -10.6010

Conversions

Conversions Part 2

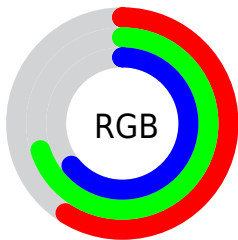
Format	Color
RYB	150, 169, 178
Decimal	9876131
CIELab	70.00, -12.60, 4.46
CIELCh	70, 13.368, 160.500
Yxy	40.7494, 0.3006, 0.3508
Android (android.graphics.Color)	4288066211 (0xFF96B2A3)
YUV	167.9180, -2.4246, -15.7141
Hunter-Lab	63.8353, -14.0832, 7.0845

Details

The CIELCh color **70, 13.368, 160.500** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **65, 13.594, 343.044**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 13.584, 160.863**, and **50, 13.261, 159.947** is the 20% darker color. If you saturate the color by 10%, you get **69, 21.794, 159.534**, and if you desaturate by 10%, it is **71, 4.879, 161.397**.

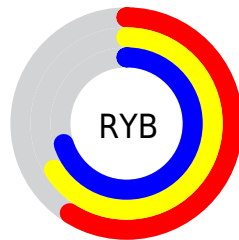
Distribution



Red (59%)

Green (70%)

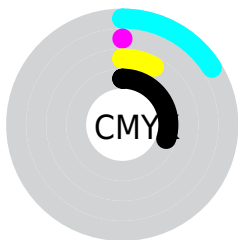
Blue (64%)



Red (59%)

Yellow (66%)

Blue (70%)

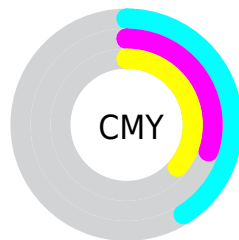


Cyan (16%)

Magenta (0%)

Yellow (8%)

Black (30%)



Cyan (41%)


Magenta (30%)


Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 13.368, 160.500 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, 13.368, 160.500 by changing the saturation by 10% instead.


 70, 13.368,
160.500


 70, 13.368,
160.500


 100, 13.368,
160.500


 60, 13.368,
160.500


 90, 13.368,
160.500

 50, 13.368,
160.500

 40, 13.368,
160.500

 30, 13.368,
160.500

 20, 13.368,
160.500

 10, 13.368,
160.500

 0, 13.368, 160.500

70, 13.368,
160.500

70, 13.368,
160.500

69, 21.794,
159.534

71, 4.879, 161.397

67, 30.035,
158.457

73, 3.583, 341.992

66, 37.957,
157.239

75, 11.941,
342.761

66, 45.417,
155.857

77, 20.141,
343.412

65, 52.280,
154.288

79, 28.145,
344.007

64, 58.433,
152.516

81, 35.612,
344.093


64, 63.812,
150.539

81, 38.591,
337.993

64, 68.427,

81, 41.977,
332.898

148.383

 82, 45.673,
328.669

 64, 70.252,
147.492

Harmonies

Complementary

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



70, 13.368, 160.500



65, 13.594, 343.044

Rectangle

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



70, 13.368, 160.500



70, 13.368, 210.500



70, 13.368, 340.500



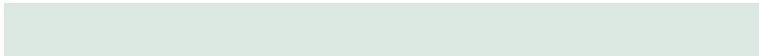
70, 13.368, 30.500

Sweetspot

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



70, 13.370, 160.498



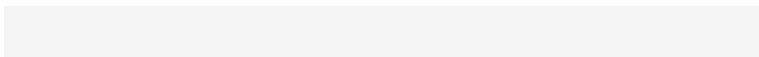
91, 5.259, 161.461



71, 15.993, 126.577



49, 3.619, 161.395



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, 13.370, 160.498



88, 20.022, 160.165



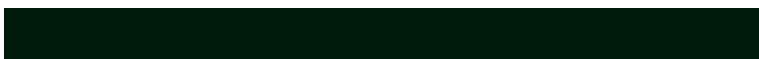
70, 10.136, 194.263



37, 4.821, 161.076



55, 62.560, 147.783



7, 12.577, 156.885

Inverse Universe

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



65, 13.594, 343.044



81, 20.428, 343.370



64, 11.102, 16.454



35, 4.873, 342.475



33, 58.433, 358.032



2, 10.832, 347.867

Previews

White Background



This preview shows how the CIELCh color 70, 13.368, 160.500 looks on a white background.

Color Contrast Check

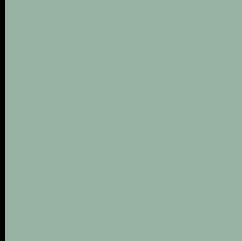
Large Text (above 18pt) WCAG AA × Fail

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, 13.368, 160.500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

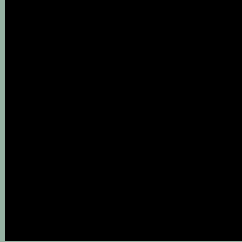
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

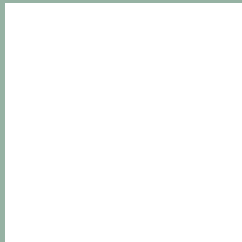
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 13.368, 160.500

Background



This preview shows how black text looks on a background with the CIELCh color 70, 13.368, 160.500.



This preview shows how white text looks on a background with the CIELCh color 70, 13.368, 160.500.

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](#).

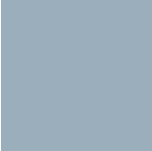
Dichromacy



Original Color
70, 13.368, 160.500

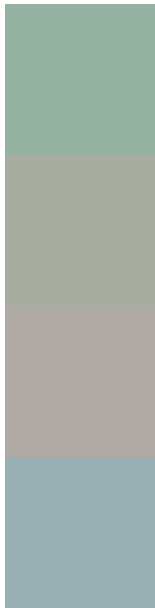
Protanopia
70, 6.576, 85.116

Deuteranopia
70, 9.311, 20.184



Tritanopia
70, 10.259, 247.583

Trichromacy



Original Color
70, 13.368, 160.500

Protanomaly
70, 7.474, 127.390

Deuteranomaly
70, 3.779, 79.324

Tritanomaly
70, 8.492, 213.813

Monochromacy



Original Color
70, 13.368, 160.500

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 4.680, 163.255

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 13.368, 160.500 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(150, 178, 163)` looks like.

```
.text, #text, p{  
    color:rgb(150, 178, 163)  
}
```

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(150, 178, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 178, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 13.368, 160.500 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(150, 178, 163) }
```

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

```
.border{ border-color:rgb(150, 178, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 178, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 178, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 178, 163);  
box-shadow:4px 4px 4px 4px rgb(150, 178,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 13.368, 160.500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 178, 163) }
```

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

```
.background{ background-color: rgb(150,  
178, 163) }
```

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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