

Converting Colors

CIELCh(70, 18.255, 167.572)

Have a look what the booklet for
CIELCh(70, 18.255, 167.572)
contains.

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Color

CIELCh(70, 18.388, 167.472)

Conversions

Conversions Part 1

Format	Color
Hex	89B4A3
RGB	137, 180, 163
RGB Percent	54%, 71%, 64%
CMY	0.4617, 0.2930, 0.3597
CMYK	0.24, 0.00, 0.09, 0.29
HSL	156°, 22%, 62%
HSV	156°, 24%, 71%
XYZ	33.3726, 40.7494, 40.8840
YIQ	165.2050, -20.1710, -14.4030

Conversions

Conversions Part 2

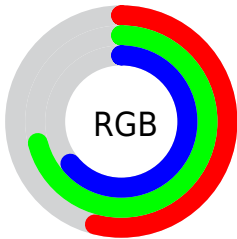
Format	Color
RYB	137, 164, 180
Decimal	9024675
CIELab	70.00, -17.95, 3.99
CIElCh	70, 18.388, 167.472
Yxy	40.7494, 0.2902, 0.3543
Android (android.graphics.Color)	4287214755 (0xFF89B4A3)
YUV	165.2050, -1.0871, -24.7358
Hunter-Lab	63.8353, -18.3931, 6.7117

Details

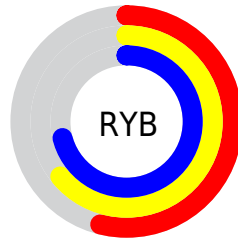
The CIELCh color **70, 18.388, 167.472** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **62, 19.280, 352.027**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 18.419, 167.654**, and **50, 18.462, 166.971** is the 20% darker color. If you saturate the color by 10%, you get **69, 25.794, 166.363**, and if you desaturate by 10%, it is **71, 10.754, 168.484**.

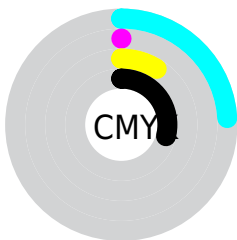
Distribution



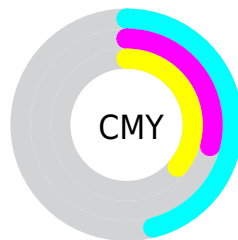
- Red (54%)
- Green (71%)
- Blue (64%)



- Red (54%)
- Yellow (64%)
- Blue (71%)



- Cyan (24%)
- Magenta (0%)
- Yellow (9%)
- Black (29%)





- Cyan (46%)
- Magenta (29%)
- Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 18.388, 167.472 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, 18.388, 167.472 by changing the saturation by 10% instead.


 70, 18.388,
167.472


 70, 18.388,
167.472


 100, 18.388,
167.472


 60, 18.388,
167.472


 90, 18.388,
167.472

 50, 18.388,
167.472

 40, 18.388,
167.472

 30, 18.388,
167.472

 20, 18.388,
167.472

 10, 18.388,
167.472

 0, 18.388, 167.472

70, 18.388,
167.472

70, 18.388,
167.472

69, 25.794,
166.363

71, 10.754,
168.484

68, 32.847,
165.139

73, 2.999, 169.498

67, 39.417,
163.771

74, 4.784, 350.120

76, 12.523,
350.959

66, 45.387,
162.236

78, 20.160,
351.707

66, 50.662,
160.510

80, 27.657,
352.405

65, 55.194,
158.579


81, 32.323,
349.937

65, 59.001,
156.443

81, 34.195,
344.412

65, 61.115,

155.108

 82, 36.376,
339.548

Harmonies

Complementary

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



70, 18.388, 167.472



62, 19.280, 352.027

Rectangle

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



70, 18.388, 167.472



70, 18.388, 217.472



70, 18.388, 347.472



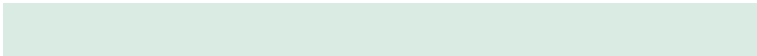
70, 18.388, 37.472

Sweetspot

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



70, 18.389, 167.470



92, 6.741, 169.145



71, 25.437, 131.432



48, 4.376, 169.087



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, 18.389, 167.470



88, 27.524, 166.860



69, 13.637, 208.388



37, 4.366, 168.928



56, 53.831, 155.429



7, 11.446, 163.292

Inverse Universe

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



62, 19.280, 352.027



75, 29.190, 352.704



62, 16.053, 29.436



35, 4.449, 350.479



32, 57.880, 11.265



2, 10.068, 355.585

Previews

White Background



This preview shows how the CIELCh color 70, 18.388, 167.472 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, 18.388, 167.472 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, 18.388, 167.472

Background



This preview shows how black text looks on a background with the CIELCh color 70, 18.388, 167.472.

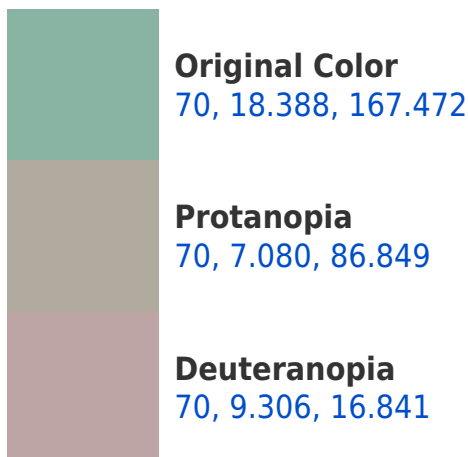


This preview shows how white text looks on a background with the CIELCh color 70, 18.388, 167.472.

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





Tritanopia
70, 13.472, 233.549

Trichromacy



Original Color
70, 18.388, 167.472

Protanomaly
70, 8.756, 138.046

Deuteranomaly
70, 3.298, 116.460

Tritanomaly
70, 13.026, 203.240

Monochromacy



Original Color
70, 18.388, 167.472

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 7.169, 166.410

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 18.388, 167.472 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, 180, 163)` looks like.

```
.text, #text, p{  
    color:rgb(137, 180, 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(137, 180, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 180, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 18.388, 167.472 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, 180, 163) }
```

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

```
.border{ border-color:rgb(137, 180, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 180, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 180, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 180, 163);  
box-shadow:4px 4px 4px 4px rgb(137, 180,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 18.388, 167.472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 180, 163) }
```

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

```
.background{ background-color: rgb(137,  
180, 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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