

Converting Colors

CIELCh(70, 27.628, 137.575)

Have a look what the booklet for
CIELCh(70, 27.628, 137.575)
contains.

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Color

CIELCh(70, 27.747, 138.106)

Conversions

Conversions Part 1

Format	Color
Hex	91B589
RGB	145, 181, 137
RGB Percent	57%, 71%, 54%
CMY	0.4323, 0.2911, 0.4636
CMYK	0.20, 0.00, 0.24, 0.29
HSL	109°, 23%, 62%
HSV	109°, 24%, 71%
XYZ	32.6110, 40.7494, 29.7282
YIQ	165.2200, -7.3320, -21.3160

Conversions

Conversions Part 2

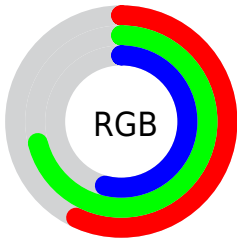
Format	Color
RYB	137, 181, 173
Decimal	9549193
CIELab	70.00, -20.65, 18.53
CIELCh	70, 27.747, 138.106
Yxy	40.7494, 0.3163, 0.3953
Android (android.graphics.Color)	4287739273 (0xFF91B589)
YUV	165.2200, -13.9125, -17.7329
Hunter-Lab	63.8353, -20.5229, 17.0732

Details

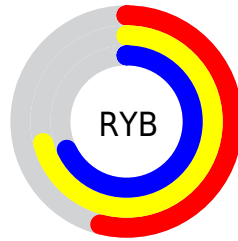
The CIELCh color **70, 27.747, 138.106** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **62, 28.029, 320.432**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 27.632, 138.599**, and **50, 27.626, 137.986** is the 20% darker color. If you saturate the color by 10%, you get **69, 39.083, 137.474**, and if you desaturate by 10%, it is **71, 16.309, 138.676**.

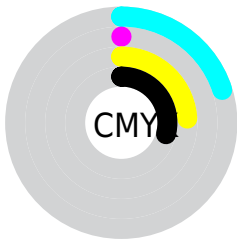
Distribution



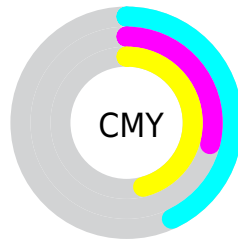
- Red (57%)
- Green (71%)
- Blue (54%)



- Red (54%)
- Yellow (71%)
- Blue (68%)



- Cyan (20%)
- Magenta (0%)
- Yellow (24%)
- Black (29%)





- Cyan (43%)
- Magenta (29%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 27.747, 138.106 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, 27.747, 138.106 by changing the saturation by 10% instead.


 70, 27.747,
138.106


 70, 27.747,
138.106


 100, 27.747,
138.106


 60, 27.747,
138.106


 90, 27.747,
138.106

 50, 27.747,
138.106

 40, 27.747,
138.106

 30, 27.747,
138.106

 20, 27.747,
138.106

 10, 27.747,
138.106

 0, 27.747, 138.106

70, 27.747,
138.106

70, 27.747,
138.106

69, 39.083,
137.474

71, 16.309,
138.676

68, 50.124,
136.790

73, 4.901, 139.200

67, 60.616,
136.087

75, 6.373, 319.559

66, 70.223,
135.424

76, 17.447,
319.949

65, 78.517,
134.898

78, 28.273,
320.270

65, 85.015,
134.635

80, 38.825,
320.542

65, 89.329,
134.741

82, 45.413,
323.421

64, 91.060,

83, 46.493,
326.033

134.846

Harmonies

Complementary

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



70, 27.747, 138.106



62, 28.029, 320.432

Rectangle

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



70, 27.747, 138.106



70, 27.747, 188.106



70, 27.747, 318.106



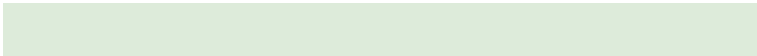
70, 27.747, 8.106

Sweetspot

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



70, 27.749, 138.107



92, 9.803, 139.054



70, 19.767, 98.634



48, 6.367, 139.024



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, 27.749, 138.107



88, 40.856, 137.788



70, 23.414, 153.084



37, 6.360, 138.941



55, 80.394, 134.728



7, 15.557, 140.565

Inverse Universe

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



62, 28.029, 320.432



75, 41.342, 320.660



62, 23.661, 336.704



35, 6.393, 319.748



31, 80.194, 321.444



2, 15.028, 317.024

Previews

White Background



This preview shows how the CIELCh color 70, 27.747, 138.106 looks on a white background.

Color Contrast Check

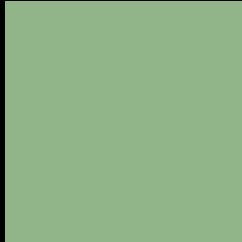
Large Text (above 18pt) WCAG AA × Fail

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, 27.747, 138.106 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

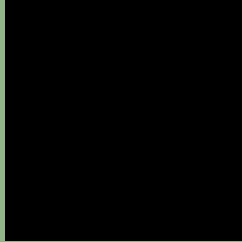
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 27.747, 138.106

Background



This preview shows how black text looks on a background with the CIELCh color 70, 27.747, 138.106.

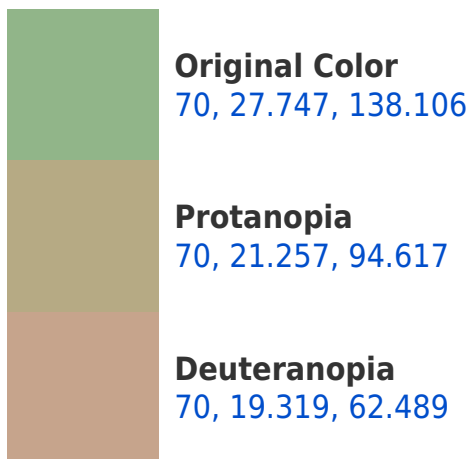


This preview shows how white text looks on a background with the CIELCh color 70, 27.747, 138.106.

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](#).

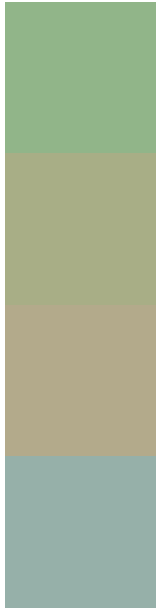
Dichromacy





Tritanopia
70, 10.487, 246.185

Trichromacy



Original Color
70, 27.747, 138.106

Protanomaly
70, 21.817, 114.365

Deuteranomaly
70, 17.273, 96.248

Tritanomaly
70, 10.358, 176.809

Monochromacy



Original Color
70, 27.747, 138.106

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 10.130, 138.772

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 27.747, 138.106 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(145, 181, 137)` looks like.

```
.text, #text, p{  
    color:rgb(145, 181, 137)  
}
```

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(145, 181, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 181, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 27.747, 138.106 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(145, 181, 137) }
```

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

```
.border{ border-color:rgb(145, 181, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 181, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 181, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 181, 137);  
box-shadow:4px 4px 4px 4px rgb(145, 181,  
137) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 27.747, 138.106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 181, 137) }
```

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

```
.background{ background-color: rgb(145,  
181, 137) }
```

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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