

Converting Colors

CIELCh(73, 18.454, 137.567)

Have a look what the booklet for
CIELCh(73, 18.454, 137.567)
contains.

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Color

CIELCh(73, 18.687, 138.049)

Conversions

Conversions Part 1

Format	Color
Hex	A2BA9C
RGB	162, 186, 156
RGB Percent	64%, 73%, 61%
CMY	0.3649, 0.2708, 0.3885
CMYK	0.13, 0.00, 0.16, 0.27
HSL	108°, 18%, 67%
HSV	108°, 16%, 73%
XYZ	38.4288, 45.1644, 38.1173
YIQ	175.4040, -4.6740, -14.4180

Conversions

Conversions Part 2

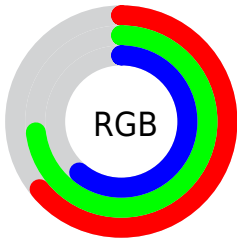
Format	Color
RYB	156, 186, 180
Decimal	10664604
CIELab	73.00, -13.90, 12.49
CIELCh	73, 18.687, 138.049
Yxy	45.1644, 0.3157, 0.3711
Android (android.graphics.Color)	4288854684 (0xFFA2BA9C)
YUV	175.4040, -9.5662, -11.7553
Hunter-Lab	67.2044, -15.5379, 13.4148

Details

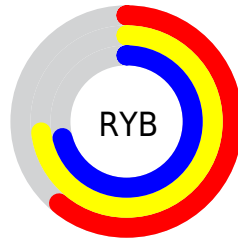
The CIELCh color **73, 18.687, 138.049** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **67, 18.837, 319.512**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 18.393, 138.402**, and **53, 18.694, 138.422** is the 20% darker color. If you saturate the color by 10%, you get **72, 30.319, 137.481**, and if you desaturate by 10%, it is **75, 7.069, 138.567**.

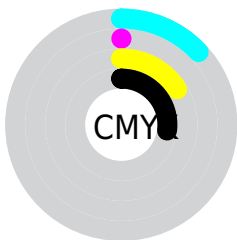
Distribution



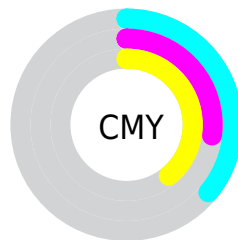
- Red (64%)
- Green (73%)
- Blue (61%)



- Red (61%)
- Yellow (73%)
- Blue (71%)



- Cyan (13%)
- Magenta (0%)
- Yellow (16%)
- Black (27%)





- Cyan (36%)
- Magenta (27%)
- Yellow (39%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 18.687, 138.049 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 73, 18.687, 138.049 by changing the saturation by 10% instead.


 73, 18.687,
138.049


 73, 18.687,
138.049


 100, 18.687,
138.049


 63, 18.687,
138.049


 93, 18.687,
138.049

 53, 18.687,
138.049

 43, 18.687,
138.049

 33, 18.687,
138.049

 23, 18.687,
138.049

 13, 18.687,
138.049

 3, 18.687, 138.049

0, 18.687, 138.049

73, 18.687,
138.049

73, 18.687,
138.049

72, 30.319,
137.481

75, 7.069, 138.567

70, 41.813,
136.855

76, 4.436, 318.929

69, 52.972,
136.188

78, 15.752,
319.337

68, 63.524,
135.516

80, 26.828,
319.665

68, 73.111,
134.909

82, 37.635,
319.942

67, 81.281,
134.471

83, 42.645,
324.346

84, 43.284,

■ 67, 87.542,
134.329

325.924

■ 66, 91.568,
134.567

■ 66, 92.761,
134.657

Harmonies

Complementary

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



73, 18.687, 138.049



67, 18.837, 319.512

Rectangle

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



73, 18.687, 138.049



73, 18.687, 188.049



73, 18.687, 318.049



73, 18.687, 8.049

Sweetspot

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



73, 18.689, 138.050



95, 7.136, 138.621



73, 13.159, 98.564



51, 4.911, 138.584



98, 0.011, 296.813



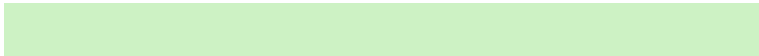
51, 0.007, 296.813

Same Dimension

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



73, 18.689, 138.050



92, 27.308, 137.876



73, 16.076, 153.130



38, 6.474, 138.405



56, 81.160, 134.526



8, 18.044, 140.397

Inverse Universe

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



67, 18.837, 319.512



84, 27.560, 319.655



68, 16.188, 335.378



36, 6.510, 319.202



31, 81.380, 320.798



2, 17.227, 316.300

Previews

White Background



This preview shows how the CIELCh color 73, 18.687, 138.049 looks on a white background.

Color Contrast Check

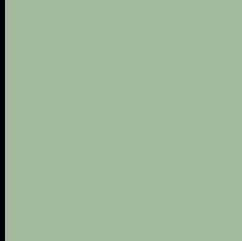
Large Text (above 18pt) WCAG AA × Fail

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 73, 18.687, 138.049 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

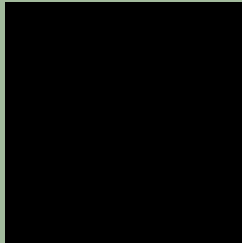
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

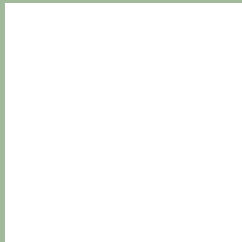
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 18.687, 138.049

Background



This preview shows how black text looks on a background with the CIELCh color 73, 18.687, 138.049.

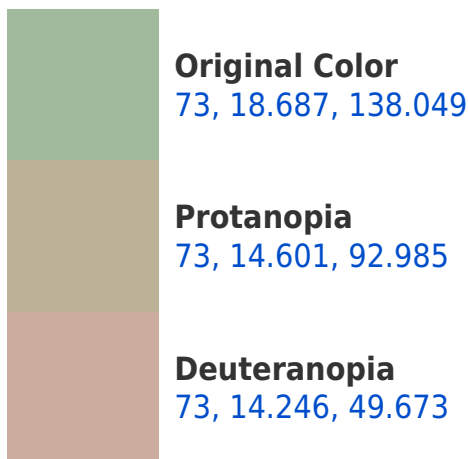


This preview shows how white text looks on a background with the CIELCh color 73, 18.687, 138.049.

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](#).

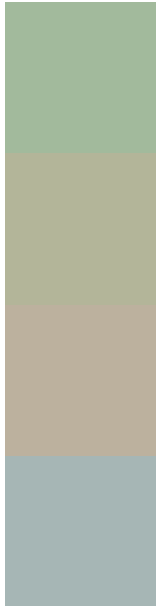
Dichromacy





Tritanopia
73, 9.097, 263.124

Trichromacy



Original Color
73, 18.687, 138.049

Protanomaly
73, 15.123, 111.680

Deuteranomaly
73, 11.151, 86.335

Tritanomaly
73, 5.877, 193.698

Monochromacy



Original Color
73, 18.687, 138.049

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 6.902, 139.102

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 18.687, 138.049 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(162, 186, 156)` looks like.

```
.text, #text, p{  
    color:rgb(162, 186, 156)  
}
```

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(162, 186, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 186, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 18.687, 138.049 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(162, 186, 156) }
```

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

```
.border{ border-color:rgb(162, 186, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 186, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 186, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 186, 156);  
box-shadow:4px 4px 4px 4px rgb(162, 186,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 18.687, 138.049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 186, 156) }
```

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

```
.background{ background-color: rgb(162,  
186, 156) }
```

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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