

Converting Colors

CIELCh(73, 24.054, 133.080)

Have a look what the booklet for
CIELCh(73, 24.054, 133.080)
contains.

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Color

CIELCh(73, 23.828, 133.186)

Conversions

Conversions Part 1

Format	Color
Hex	A1BB93
RGB	161, 187, 147
RGB Percent	63%, 73%, 58%
CMY	0.3690, 0.2671, 0.4239
CMYK	0.14, 0.00, 0.21, 0.27
HSL	99°, 23%, 65%
HSV	99°, 21%, 73%
XYZ	37.6825, 45.1644, 34.2925
YIQ	174.6660, -2.6560, -17.9520

Conversions

Conversions Part 2

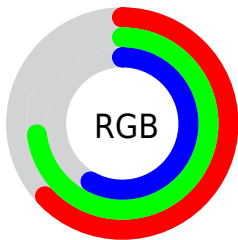
Format	Color
RYB	147, 187, 173
Decimal	10599315
CIELab	73.00, -16.31, 17.37
CIELCh	73, 23.828, 133.186
Yxy	45.1644, 0.3217, 0.3856
Android (android.graphics.Color)	4288789395 (0xFFA1BB93)
YUV	174.6660, -13.6393, -11.9851
Hunter-Lab	67.2044, -17.5204, 16.7891

Details

The CIELCh color **73, 23.828, 133.186** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **64, 24.290, 315.031**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 23.761, 133.140**, and **53, 24.114, 133.128** is the 20% darker color. If you saturate the color by 10%, you get **72, 34.925, 132.683**, and if you desaturate by 10%, it is **74, 12.669, 133.662**.

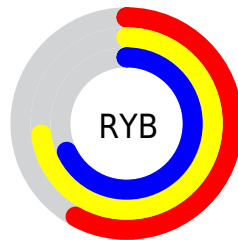
Distribution



Red (63%)

Green (73%)

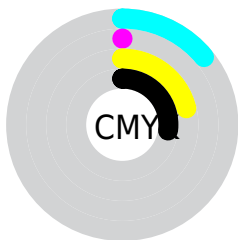
Blue (58%)



Red (58%)

Yellow (73%)

Blue (68%)

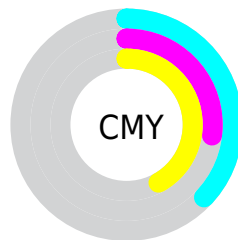


Cyan (14%)

Magenta (0%)

Yellow (21%)

Black (27%)



Cyan (37%)


Magenta (27%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 23.828, 133.186 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, 23.828, 133.186 by changing the saturation by 10% instead.


 73, 23.828,
133.186


 73, 23.828,
133.186


 100, 23.828,
133.186


 63, 23.828,
133.186


 93, 23.828,
133.186

 53, 23.828,
133.186

 43, 23.828,
133.186

 33, 23.828,
133.186

 23, 23.828,
133.186

 13, 23.828,
133.186

 3, 23.828, 133.186

0, 23.828, 133.186

73, 23.828,
133.186

73, 23.828,
133.186

72, 34.925,
132.683

74, 12.669,
133.662

71, 45.811,
132.164

76, 1.543, 134.178

70, 56.288,
131.666

77, 9.474, 314.440

69, 66.076,
131.249

79, 20.332,
314.786

68, 74.795,
131.004

80, 30.996,
315.083

68, 81.982,
131.053

82, 39.525,
316.522

83, 41.213,

■ 67, 87.205,
131.514

322.034

■ 67, 90.275,
132.161

■ 84, 42.690,
325.904

Harmonies

Complementary

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



73, 23.828, 133.186



64, 24.290, 315.031

Rectangle

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



73, 23.828, 133.186



73, 23.828, 183.186



73, 23.828, 313.186



73, 23.828, 3.186

Sweetspot

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



73, 23.830, 133.187



95, 8.210, 133.904



71, 15.210, 87.050



51, 5.492, 133.874



98, 0.011, 296.813



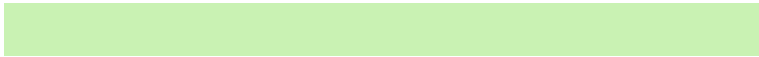
51, 0.007, 296.813

Same Dimension

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



73, 23.830, 133.187



91, 35.737, 132.937



72, 23.937, 147.387



39, 6.341, 133.755



57, 79.598, 131.981



9, 19.922, 137.223

Inverse Universe

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



64, 24.290, 315.031



78, 36.592, 315.254



66, 24.001, 330.117



37, 6.401, 314.501



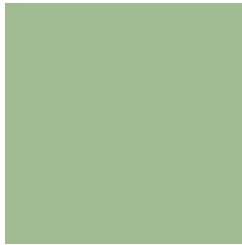
28, 84.513, 315.958



2, 18.659, 310.540

Previews

White Background



This preview shows how the CIELCh color 73, 23.828, 133.186 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 73, 23.828, 133.186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

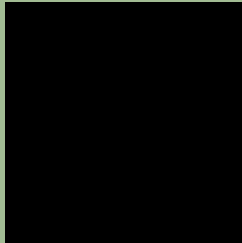
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 23.828, 133.186

Background



This preview shows how black text looks on a background with the CIELCh color 73, 23.828, 133.186.

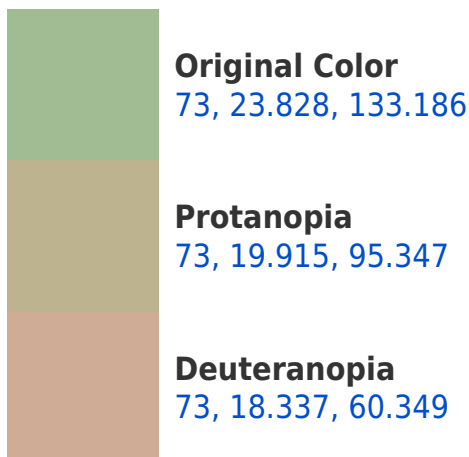


This preview shows how white text looks on a background with the CIELCh color 73, 23.828, 133.186.

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, 23.828, 133.186

Protanomaly
73, 20.470, 111.536

Deuteranomaly
73, 16.019, 89.700

Tritanomaly
73, 7.188, 176.685

Monochromacy



Original Color
73, 23.828, 133.186

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 8.361, 133.592

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 23.828, 133.186 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(161, 187, 147)` looks like.

```
.text, #text, p{  
    color:rgb(161, 187, 147)  
}
```

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(161, 187, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 187, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 23.828, 133.186 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(161, 187, 147) }
```

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

```
.border{ border-color:rgb(161, 187, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 187, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 187, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 187, 147);  
box-shadow:4px 4px 4px 4px rgb(161, 187,  
147) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 23.828, 133.186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 187, 147) }
```

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

```
.background{ background-color: rgb(161,  
187, 147) }
```

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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