

Converting Colors

CIELCh(73, 11.922, 133.685)

Have a look what the booklet for
CIELCh(73, 11.922, 133.685)
contains.

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Color

CIELCh(73, 11.935, 133.683)

Conversions

Conversions Part 1

Format	Color
Hex	AAB7A3
RGB	170, 183, 163
RGB Percent	67%, 72%, 64%
CMY	0.3326, 0.2816, 0.3600
CMYK	0.07, 0.00, 0.11, 0.28
HSL	99°, 12%, 68%
HSV	99°, 11%, 72%
XYZ	40.2192, 45.1644, 41.3362
YIQ	176.8330, -1.3280, -8.9760

Conversions

Conversions Part 2

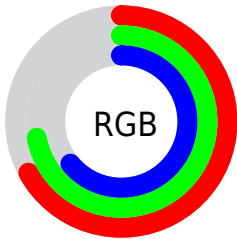
Format	Color
RYB	163, 183, 176
Decimal	11188131
CIELab	73.00, -8.24, 8.63
CIELCh	73, 11.935, 133.683
Yxy	45.1644, 0.3174, 0.3564
Android (android.graphics.Color)	4289378211 (0xFFAAB7A3)
YUV	176.8330, -6.8197, -5.9925
Hunter-Lab	67.2044, -10.7826, 10.5749

Details

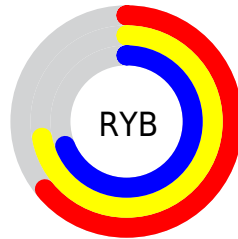
The CIELCh color **73, 11.935, 133.683** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69, 12.062, 314.570**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 11.965, 134.312**, and **53, 12.023, 132.932** is the 20% darker color. If you saturate the color by 10%, you get **72, 22.918, 133.213**, and if you desaturate by 10%, it is **74, 0.995, 134.252**.

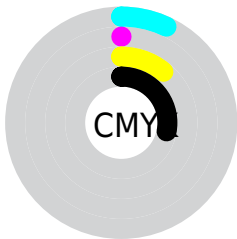
Distribution



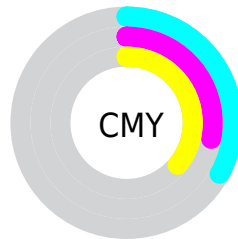
- Red (67%)
- Green (72%)
- Blue (64%)



- Red (64%)
- Yellow (72%)
- Blue (69%)



- Cyan (7%)
- Magenta (0%)
- Yellow (11%)
- Black (28%)





- Cyan (33%)
- Magenta (28%)
- Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 11.935, 133.683 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, 11.935, 133.683 by changing the saturation by 10% instead.


 73, 11.935,
133.683


 73, 11.935,
133.683


 100, 11.935,
133.683


 63, 11.935,
133.683


 93, 11.935,
133.683

 53, 11.935,
133.683

 43, 11.935,
133.683

 33, 11.935,
133.683

 23, 11.935,
133.683

 13, 11.935,
133.683

 3, 11.935, 133.683

■ 0, 11.935, 133.683

■ 73, 11.935,
133.683

■ 73, 11.935,
133.683

■ 72, 22.918,
133.213

■ 74, 0.995, 134.252

■ 71, 33.841,
132.711

■ 76, 9.838, 314.458

■ 70, 44.566,
132.193

■ 77, 20.513,
314.801

■ 69, 54.903,
131.693

■ 79, 30.996,
315.096

■ 68, 64.579,
131.270

■ 81, 41.265,
315.353

■ 67, 73.229,
131.012

■ 82, 42.901,
320.499

■ 83, 44.745,

■ 67, 80.402,
131.040

325.408

■ 66, 85.666,
131.474

■ 83, 44.989,
325.982

■ 66, 88.922,
132.141

Harmonies

Complementary

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



73, 11.935, 133.683



69, 12.062, 314.570

Rectangle

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



73, 11.935, 133.683



73, 11.935, 183.683



73, 11.935, 313.683



73, 11.935, 3.683

Sweetspot

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



73, 11.937, 133.685



93, 4.024, 134.056



72, 7.540, 88.386



50, 3.078, 134.013



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



73, 11.937, 133.685



92, 17.539, 133.580



73, 11.971, 148.178



38, 6.199, 133.757



57, 78.636, 131.962



8, 17.471, 137.114

Inverse Universe

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



69, 12.062, 314.570



85, 17.754, 314.670



69, 12.000, 329.466



36, 6.257, 314.501



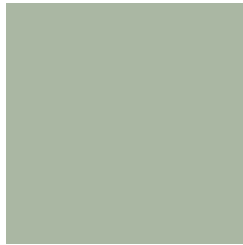
27, 83.502, 315.972



2, 16.451, 310.302

Previews

White Background



This preview shows how the CIELCh color 73, 11.935, 133.683 looks on a white background.

Color Contrast Check

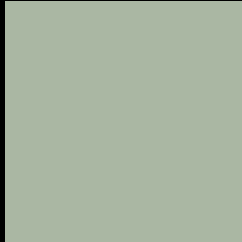
Large Text (above 18pt) WCAG AA × Fail

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, 11.935, 133.683 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

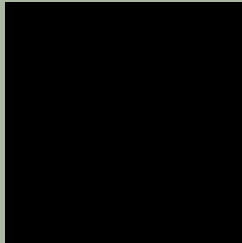
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

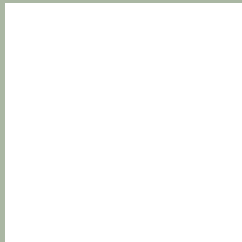
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 11.935, 133.683

Background



This preview shows how black text looks on a background with the CIELCh color 73, 11.935, 133.683.

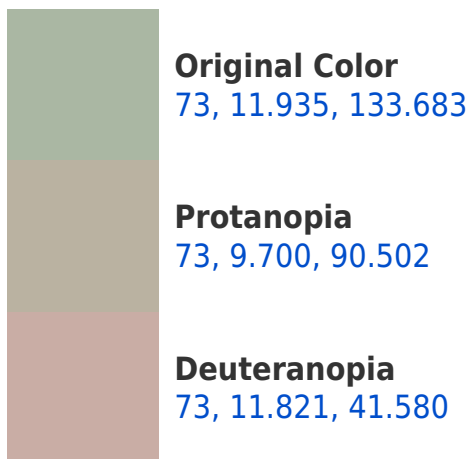


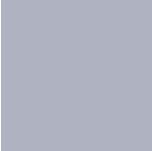
This preview shows how white text looks on a background with the CIELCh color 73, 11.935, 133.683.

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, 7.712, 280.181

Trichromacy



Original Color
73, 11.935, 133.683

Protanomaly
73, 9.725, 109.223

Deuteranomaly
73, 8.658, 73.721

Tritanomaly
73, 2.982, 209.837

Monochromacy



Original Color
73, 11.935, 133.683

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 4.094, 131.396

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 11.935, 133.683 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(170, 183, 163)` looks like.

```
.text, #text, p{  
    color:rgb(170, 183, 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(170, 183, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 183, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 11.935, 133.683 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(170, 183, 163) }
```

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

```
.border{ border-color:rgb(170, 183, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 183, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 183, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 183, 163);  
box-shadow:4px 4px 4px 4px rgb(170, 183,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 11.935, 133.683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 183, 163) }
```

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

```
.background{ background-color: rgb(170,  
183, 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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