

Converting Colors

CIELCh(71, 33.973, 125.739)

Have a look what the booklet for
CIELCh(71, 33.973, 125.739)
contains.

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Color

CIELCh(71, 33.950, 125.736)

Conversions

Conversions Part 1

Format	Color
Hex	9CB77B
RGB	156, 183, 123
RGB Percent	61%, 72%, 48%
CMY	0.3895, 0.2836, 0.5189
CMYK	0.15, 0.00, 0.33, 0.28
HSL	87°, 29%, 60%
HSV	87°, 33%, 72%
XYZ	34.0677, 42.1875, 24.9841
YIQ	168.0870, 3.1680, -24.3840

Conversions

Conversions Part 2

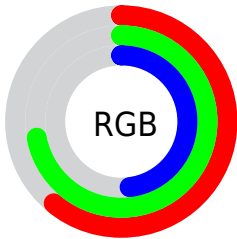
Format	Color
RYB	123, 183, 150
Decimal	10270587
CIELab	71.00, -19.83, 27.56
CIELCh	71, 33.950, 125.736
Yxy	42.1875, 0.3365, 0.4167
Android (android.graphics.Color)	4288460667 (0xFF9CB77B)
YUV	168.0870, -22.2279, -10.6003
Hunter-Lab	64.9519, -20.0415, 22.6601

Details

The CIELCh color **71, 33.950, 125.736** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **56, 35.736, 309.021**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 33.947, 125.826**, and **51, 34.151, 125.499** is the 20% darker color. If you saturate the color by 10%, you get **70, 43.973, 125.265**, and if you desaturate by 10%, it is **72, 23.693, 126.231**.

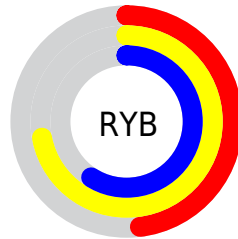
Distribution



Red (61%)

Green (72%)

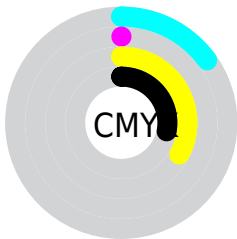
Blue (48%)



Red (48%)

Yellow (72%)

Blue (59%)

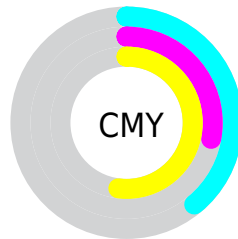


Cyan (15%)

Magenta (0%)

Yellow (33%)

Black (28%)



Cyan (39%)


Magenta (28%)


Yellow (52%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 33.950, 125.736 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 71, 33.950, 125.736 by changing the saturation by 10% instead.


 71, 33.950,
125.736


 71, 33.950,
125.736


 100, 33.950,
125.736


 61, 33.950,
125.736


 91, 33.950,
125.736

 51, 33.950,
125.736

 41, 33.950,
125.736

 31, 33.950,
125.736

 21, 33.950,
125.736

 11, 33.950,
125.736

 1, 33.950, 125.736

■ 0, 33.950, 125.736

■ 71, 33.950,
125.736

■ 71, 33.950,
125.736

■ 70, 43.973,
125.265

■ 72, 23.693,
126.231

■ 69, 53.573,
124.856

■ 73, 13.325,
126.721

■ 69, 62.488,
124.575

■ 74, 2.933, 127.212

■ 68, 70.350,
124.519

■ 75, 7.420, 307.603

■ 68, 76.720,
124.807

■ 76, 17.690,
308.013

■ 67, 81.217,
125.552

■ 78, 27.845,
308.382

■ 79, 37.864,

■ 67, 83.529,
126.283

308.717

■ 80, 40.824,
311.653

■ 81, 41.690,
315.357

Harmonies

Complementary

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



71, 33.950, 125.736



56, 35.736, 309.021

Rectangle

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



71, 33.950, 125.736



71, 33.950, 175.736



71, 33.950, 305.736



71, 33.950, 355.736

Sweetspot

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



71, 33.952, 125.738



92, 12.829, 126.850



64, 20.659, 66.088



49, 8.826, 126.782



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



71, 33.952, 125.738



89, 49.632, 125.411



69, 39.321, 140.949



38, 5.902, 126.890



58, 74.045, 126.077



8, 16.675, 131.590

Inverse Universe

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



56, 35.736, 309.021



67, 52.879, 309.429



59, 39.424, 324.748



36, 5.990, 307.734



23, 87.053, 310.970



2, 15.837, 303.282

Previews

White Background



This preview shows how the CIELCh color 71, 33.950, 125.736 looks on a white background.

Color Contrast Check

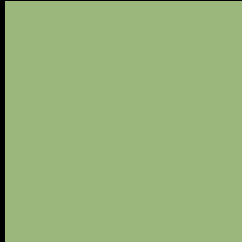
Large Text (above 18pt) WCAG AA × Fail

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 71, 33.950, 125.736 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 71, 33.950, 125.736

Background



This preview shows how black text looks on a background with the CIELCh color 71, 33.950, 125.736.

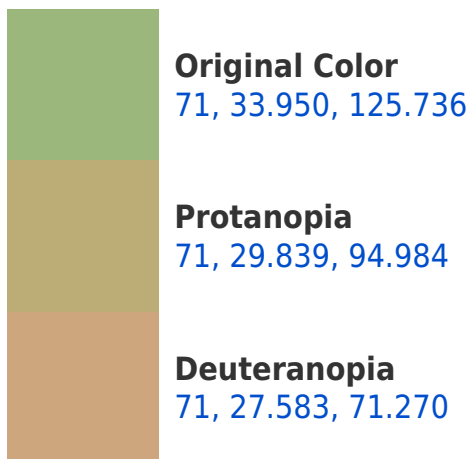


This preview shows how white text looks on a background with the CIELCh color 71, 33.950, 125.736.

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
71, 8.234, 267.892

Trichromacy



Original Color
71, 33.950, 125.736

Protanomaly
71, 30.595, 107.886

Deuteranomaly
71, 26.230, 93.768

Tritanomaly
71, 9.125, 147.819

Monochromacy



Original Color
71, 33.950, 125.736

Achromatopsia
69, 0.009, 296.813

Achromatomaly
70, 11.999, 125.972

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 33.950, 125.736 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(156, 183, 123)` looks like.

```
.text, #text, p{  
    color:rgb(156, 183, 123)  
}
```

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(156, 183, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 183, 123) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 33.950, 125.736 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(156, 183, 123) }
```

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

```
.border{ border-color:rgb(156, 183, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 183, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 183, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 183, 123);  
box-shadow:4px 4px 4px 4px rgb(156, 183,  
123) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 33.950, 125.736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 183, 123) }
```

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

```
.background{ background-color: rgb(156,  
183, 123) }
```

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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