

Converting Colors

CIELCh(71, 17.567, 125.373)

Have a look what the booklet for
CIELCh(71, 17.567, 125.373)
contains.

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Color

CIELCh(71, 17.585, 125.369)

Conversions

Conversions Part 1

Format	Color
Hex	A5B293
RGB	165, 178, 147
RGB Percent	65%, 70%, 58%
CMY	0.3512, 0.3002, 0.4218
CMYK	0.07, 0.00, 0.17, 0.30
HSL	85°, 17%, 64%
HSV	85°, 17%, 70%
XYZ	36.9206, 42.1875, 33.9805
YIQ	170.5790, 2.2030, -12.3970

Conversions

Conversions Part 2

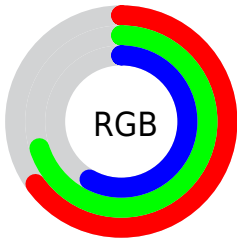
Format	Color
RYB	147, 178, 160
Decimal	10859155
CIELab	71.00, -10.18, 14.34
CIElCh	71, 17.585, 125.369
Yxy	42.1875, 0.3265, 0.3730
Android (android.graphics.Color)	4289049235 (0xFFA5B293)
YUV	170.5790, -11.6244, -4.8928
Hunter-Lab	64.9519, -12.2012, 14.4479

Details

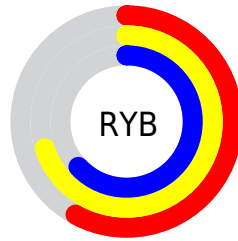
The CIELCh color $71, 17.585, 125.369$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $63, 18.078, 307.082$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 17.806, 125.702$, and $51, 17.515, 124.904$ is the 20% darker color. If you saturate the color by 10%, you get $70, 27.647, 124.867$, and if you desaturate by 10%, it is $72, 7.463, 125.869$.

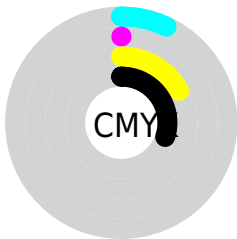
Distribution



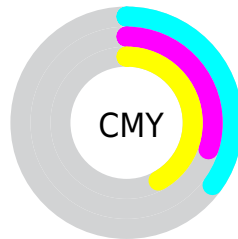
- Red (65%)
- Green (70%)
- Blue (58%)



- Red (58%)
- Yellow (70%)
- Blue (63%)



- Cyan (7%)
- Magenta (0%)
- Yellow (17%)
- Black (30%)





- Cyan (35%)
- Magenta (30%)
- Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 17.585, 125.369 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, 17.585, 125.369 by changing the saturation by 10% instead.


 71, 17.585,
125.369


 71, 17.585,
125.369


 100, 17.585,
125.369


 61, 17.585,
125.369


 91, 17.585,
125.369

 51, 17.585,
125.369

 41, 17.585,
125.369

 31, 17.585,
125.369

 21, 17.585,
125.369

 11, 17.585,
125.369

 1, 17.585, 125.369

■ 0, 17.585, 125.369

■ 71, 17.585,
125.369

■ 71, 17.585,
125.369

■ 70, 27.647,
124.867

■ 72, 7.463, 125.869

■ 69, 37.544,
124.369

■ 73, 2.655, 306.292

■ 69, 47.133,
123.913

■ 74, 12.719,
306.752

■ 68, 56.202,
123.547

■ 75, 22.693,
307.156

■ 67, 64.451,
123.351

■ 77, 32.551,
307.525

■ 67, 71.482,
123.430

■ 78, 42.276,
307.859

■ 79, 43.130,

■ 66, 76.866,
123.904

311.024

■ 66, 80.423,
124.830

■ 79, 43.859,
314.221

■ 66, 81.241,
125.083

■ 80, 44.712,
317.349

Harmonies

Complementary

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



71, 17.585, 125.369



63, 18.078, 307.082

Rectangle

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



71, 17.585, 125.369



71, 17.585, 175.369



71, 17.585, 305.369



71, 17.585, 355.369

Sweetspot

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



71, 17.587, 125.372



91, 6.254, 125.983



67, 10.156, 64.040



49, 4.302, 125.948



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



71, 17.587, 125.372



89, 26.293, 125.171



70, 20.210, 141.228



37, 5.730, 125.773



57, 72.405, 124.884



7, 14.235, 130.145

Inverse Universe

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



63, 18.078, 307.082



78, 27.203, 307.308



65, 20.284, 323.020



35, 5.820, 306.648



22, 86.539, 310.381



1, 13.683, 302.706

Previews

White Background



This preview shows how the CIELCh color 71, 17.585, 125.369 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, 17.585, 125.369 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

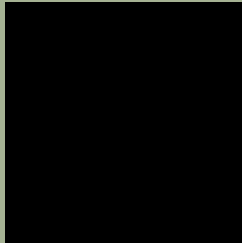
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 17.585, 125.369

Background



This preview shows how black text looks on a background with the CIELCh color 71, 17.585, 125.369.

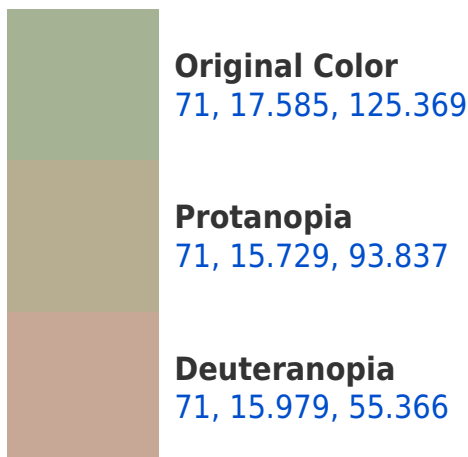



This preview shows how white text looks on a background with the CIELCh color 71, 17.585, 125.369.

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, 7.672, 285.524

Trichromacy



Original Color
71, 17.585, 125.369

Protanomaly
71, 15.741, 105.696

Deuteranomaly
71, 13.594, 80.848

Tritanomaly
71, 2.502, 173.555

Monochromacy



Original Color
71, 17.585, 125.369

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 6.827, 125.793

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 17.585, 125.369 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(165, 178, 147)` looks like.

```
.text, #text, p{  
    color:rgb(165, 178, 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(165, 178, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 178, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 17.585, 125.369 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(165, 178, 147) }
```

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

```
.border{ border-color:rgb(165, 178, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 178, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 178, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 178, 147);  
box-shadow:4px 4px 4px 4px rgb(165, 178,  
147) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 17.585, 125.369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 178, 147) }
```

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

```
.background{ background-color: rgb(165,  
178, 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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