

Converting Colors

CIELCh(73, 20.992, 125.667)

Have a look what the booklet for
CIELCh(73, 20.992, 125.667)
contains.

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Color

CIELCh(73, 20.893, 125.721)

Conversions

Conversions Part 1

Format	Color
Hex	A9B994
RGB	169, 185, 148
RGB Percent	66%, 73%, 58%
CMY	0.3380, 0.2752, 0.4203
CMYK	0.09, 0.00, 0.20, 0.28
HSL	86°, 21%, 65%
HSV	86°, 20%, 72%
XYZ	38.9613, 45.1644, 34.6046
YIQ	175.9980, 2.3410, -14.8990

Conversions

Conversions Part 2

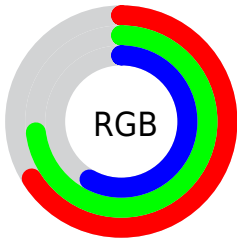
Format	Color
RYB	148, 185, 164
Decimal	11123092
CIELab	73.00, -12.20, 16.96
CIElCh	73, 20.893, 125.721
Yxy	45.1644, 0.3281, 0.3804
Android (android.graphics.Color)	4289313172 (0xFFA9B994)
YUV	175.9980, -13.8030, -6.1372
Hunter-Lab	67.2044, -14.1237, 16.5138

Details

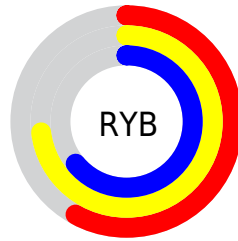
The CIELCh color $73, 20.893, 125.721$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $64, 21.555, 307.687$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 20.978, 126.025$, and $53, 20.982, 125.287$ is the 20% darker color. If you saturate the color by 10%, you get $72, 31.246, 125.222$, and if you desaturate by 10%, it is $74, 10.456, 126.218$.

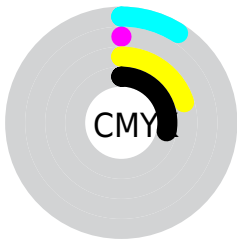
Distribution



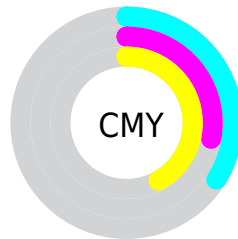
- Red (66%)
- Green (73%)
- Blue (58%)



- Red (58%)
- Yellow (73%)
- Blue (64%)



- Cyan (9%)
- Magenta (0%)
- Yellow (20%)
- Black (28%)





- Cyan (34%)
- Magenta (28%)
- Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 20.893, 125.721 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, 20.893, 125.721 by changing the saturation by 10% instead.


 73, 20.893,
125.721


 73, 20.893,
125.721


 100, 20.893,
125.721


 63, 20.893,
125.721


 93, 20.893,
125.721

 53, 20.893,
125.721

 43, 20.893,
125.721

 33, 20.893,
125.721

 23, 20.893,
125.721

 13, 20.893,
125.721

 3, 20.893, 125.721

0, 20.893, 125.721

73, 20.893,
125.721

73, 20.893,
125.721

72, 31.246,
125.222

74, 10.456,
126.218

71, 41.396,
124.735

75, 0.010, 135.629

70, 51.178,
124.300

76, 10.388,
307.104

70, 60.350,
123.974

77, 20.697,
307.512

69, 68.570,
123.844

79, 30.890,
307.882

69, 75.408,
124.025

80, 39.070,
308.920

■ 68, 80.440,
124.635

■ 81, 39.811,
312.700

■ 68, 83.776,
125.635

■ 81, 40.709,
316.386

■ 82, 41.760,
319.951

Harmonies

Complementary

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



73, 20.893, 125.721



64, 21.555, 307.687

Rectangle

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



73, 20.893, 125.721



73, 20.893, 175.721



73, 20.893, 305.721



73, 20.893, 355.721

Sweetspot

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



73, 20.895, 125.723



94, 7.728, 126.410



69, 12.134, 63.766



50, 5.124, 126.378



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, 20.895, 125.723



92, 30.919, 125.504



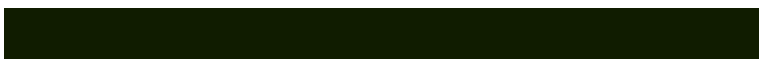
72, 23.968, 141.054



38, 5.881, 126.251



58, 73.619, 125.416



9, 16.600, 130.992

Inverse Universe

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



64, 21.555, 307.687



78, 32.127, 307.937



65, 24.062, 323.153



36, 5.971, 307.115



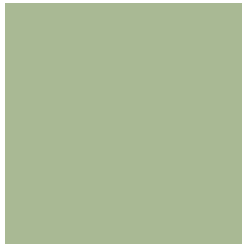
22, 87.372, 310.619



1, 15.800, 302.732

Previews

White Background



This preview shows how the CIELCh color 73, 20.893, 125.721 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, 20.893, 125.721 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

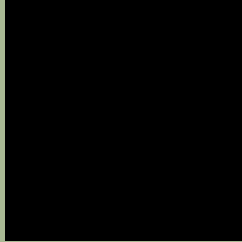
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 20.893, 125.721

Background



This preview shows how black text looks on a background with the CIELCh color 73, 20.893, 125.721.

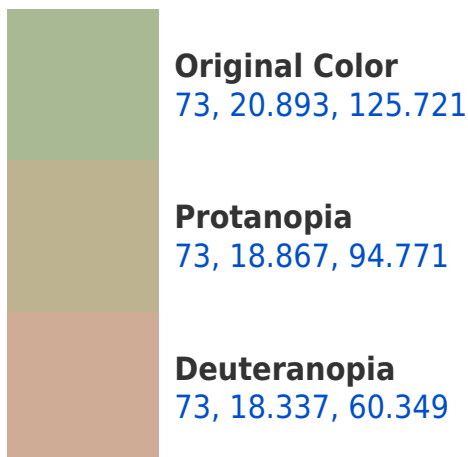


This preview shows how white text looks on a background with the CIELCh color 73, 20.893, 125.721.

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](#).

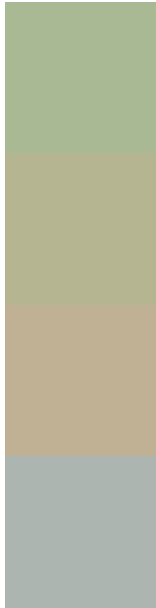
Dichromacy





Tritanopia
73, 7.712, 280.181

Trichromacy



Original Color
73, 20.893, 125.721

Protanomaly
73, 18.845, 107.115

Deuteranomaly
73, 16.305, 87.012

Tritanomaly
73, 3.702, 163.395

Monochromacy



Original Color
73, 20.893, 125.721

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 7.426, 127.401

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 20.893, 125.721 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(169, 185, 148)` looks like.

```
.text, #text, p{  
    color:rgb(169, 185, 148)  
}
```

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(169, 185, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 185, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 20.893, 125.721 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(169, 185, 148) }
```

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

```
.border{ border-color:rgb(169, 185, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 185, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 185, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 185, 148);  
box-shadow:4px 4px 4px 4px rgb(169, 185,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 20.893, 125.721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 185, 148) }
```

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

```
.background{ background-color: rgb(169,  
185, 148) }
```

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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