

Converting Colors

CIELCh(73, 21.956, 87.425)

Have a look what the booklet for
CIELCh(73, 21.956, 87.425) contains.

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Color

CIELCh(73, 21.980, 87.406)

Conversions

Conversions Part 1

Format	Color
Hex	C4B18B
RGB	196, 177, 139
RGB Percent	77%, 69%, 55%
CMY	0.2305, 0.3050, 0.4541
CMYK	0.00, 0.10, 0.29, 0.23
HSL	40°, 33%, 66%
HSV	40°, 29%, 77%
XYZ	43.2622, 45.1644, 30.9426
YIQ	178.3490, 23.5220, -7.7900

Conversions

Conversions Part 2

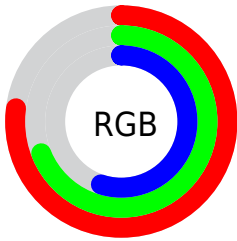
Format	Color
R _Y B	168, 196, 139
Decimal	12890507
CIE Lab	73.00, 0.99, 21.96
CIE LCh	73, 21.980, 87.406
Yxy	45.1644, 0.3624, 0.3784
Android (android.graphics.Color)	4291080587 (0xFFC4B18B)
YUV	178.3490, -19.3991, 15.4799
Hunter-Lab	67.2044, -2.7002, 19.7446

Details

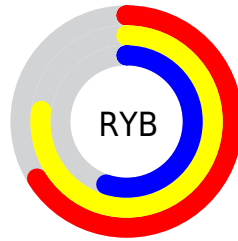
The CIELCh color $73, 21.980, 87.406$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $65, 21.841, 275.557$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 21.942, 88.067$, and $53, 22.058, 87.442$ is the 20% darker color. If you saturate the color by 10%, you get $71, 29.810, 86.060$, and if you desaturate by 10%, it is $75, 14.269, 88.722$.

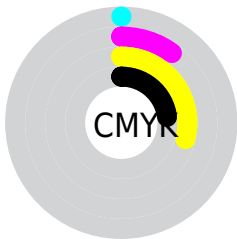
Distribution



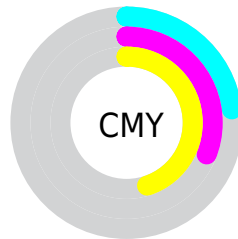
- Red (77%)
- Green (69%)
- Blue (55%)



- Red (66%)
- Yellow (77%)
- Blue (55%)



- Cyan (0%)
- Magenta (10%)
- Yellow (29%)
- Black (23%)



- Cyan (23%)
- Magenta (31%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 21.980, 87.406 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, 21.980, 87.406 by changing the saturation by 10% instead.

■ 73, 21.980, 87.406

■ 73, 21.980, 87.406

■ 100, 21.980,
87.406

■ 63, 21.980, 87.406

■ 93, 21.980, 87.406

■ 53, 21.980, 87.406

■ 43, 21.980, 87.406

■ 33, 21.980, 87.406

■ 23, 21.980, 87.406

■ 13, 21.980, 87.406

■ 3, 21.980, 87.406

■ 0, 21.980, 87.406

■ 73, 21.980, 87.406

■ 73, 21.980, 87.406

71, 29.810, 86.060

75, 14.269, 88.722

69, 37.684, 84.667

77, 6.705, 89.978

67, 45.460, 83.222

79, 0.701, 271.582

65, 52.867, 81.696

82, 7.952, 272.453

63, 59.433, 80.023

84, 15.056,
273.569

62, 64.454, 78.073

86, 21.064,
273.668

60, 67.485, 75.735

88, 18.599,
263.582

60, 67.758, 75.517

90, 16.851,
251.064

91, 16.035,
236.636

Harmonies

Complementary

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



73, 21.980, 87.406



65, 21.841, 275.557

Rectangle

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



73, 21.980, 87.406



73, 21.980, 137.406



73, 21.980, 267.406



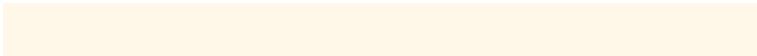
73, 21.980, 317.406

Sweetspot

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



73, 21.981, 87.412



98, 8.244, 89.967



64, 24.562, 356.805



52, 5.739, 89.787



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



73, 21.981, 87.412



91, 32.950, 86.539



77, 30.353, 114.607



40, 4.157, 89.941



50, 58.437, 75.976



8, 12.512, 78.698

Inverse Universe

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



65, 21.841, 275.557



79, 32.716, 276.846



61, 32.425, 299.252



38, 4.156, 272.376



27, 68.476, 296.208



3, 15.079, 279.875

Previews

White Background



This preview shows how the CIELCh color 73, 21.980, 87.406 looks on a white background.

Color Contrast Check

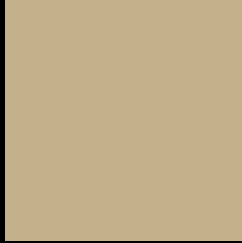
Large Text (above 18pt) WCAG AA × Fail

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, 21.980, 87.406 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

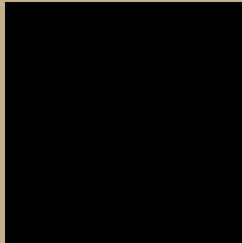
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 21.980, 87.406

Background



This preview shows how black text looks on a background with the CIELCh color 73, 21.980, 87.406.

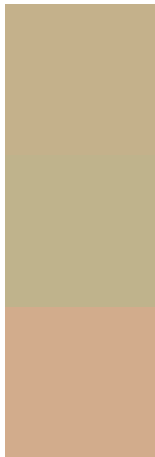


This preview shows how white text looks on a background with the CIELCh color 73, 21.980, 87.406.

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



Original Color

73, 21.980, 87.406

Protanopia

73, 21.579, 95.020

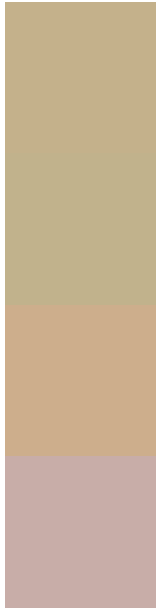
Deuteranopia

73, 23.592, 66.763



Tritanopia
73, 13.647, 349.624

Trichromacy



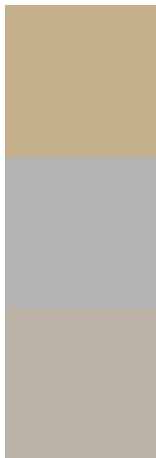
Original Color
73, 21.980, 87.406

Protanomaly
73, 21.408, 91.543

Deuteranomaly
73, 22.530, 73.849

Tritanomaly
73, 10.862, 34.565

Monochromacy



Original Color
73, 21.980, 87.406

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 7.523, 88.398

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 21.980, 87.406 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(196, 177, 139)` looks like.

```
.text, #text, p{  
    color:rgb(196, 177, 139)  
}
```

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(196, 177, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 177, 139) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 21.980, 87.406 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(196, 177, 139) }
```

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

```
.border{ border-color:rgb(196, 177, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 177, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 177, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 177, 139);  
box-shadow:4px 4px 4px 4px rgb(196, 177,  
139) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 21.980, 87.406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 177, 139) }
```

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

```
.background{ background-color: rgb(196,  
177, 139) }
```

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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