

Converting Colors

CIELCh(73, 21.530, 82.367)

Have a look what the booklet for
CIELCh(73, 21.530, 82.367) contains.

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Color

CIELCh(73, 21.686, 82.477)

Conversions

Conversions Part 1

Format	Color
Hex	C7B08C
RGB	199, 176, 140
RGB Percent	78%, 69%, 55%
CMY	0.2190, 0.3092, 0.4505
CMYK	0.00, 0.12, 0.30, 0.22
HSL	37°, 35%, 67%
HSV	37°, 30%, 78%
XYZ	43.8876, 45.1644, 31.2671
YIQ	178.7730, 25.2640, -6.3200

Conversions

Conversions Part 2

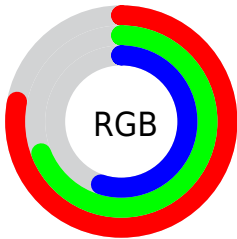
Format	Color
RYB	178, 199, 140
Decimal	13086860
CIELab	73.00, 2.84, 21.50
CIElCh	73, 21.686, 82.477
Yxy	45.1644, 0.3648, 0.3754
Android (android.graphics.Color)	4291276940 (0xFFC7B08C)
YUV	178.7730, -19.1151, 17.7391
Hunter-Lab	67.2044, -1.0391, 19.4582

Details

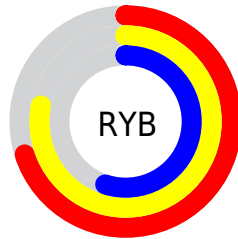
The CIELCh color `73, 21.686, 82.477` is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be `66, 21.067, 270.998`, and the grayscale version is `73, 0.009, 296.813`.

A 20% lighter version of the original color is `93, 21.457, 84.335`, and `53, 21.571, 83.255` is the 20% darker color. If you saturate the color by 10%, you get `71, 29.398, 81.113`, and if you desaturate by 10%, it is `75, 14.163, 83.814`.

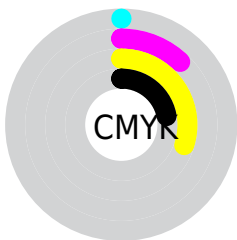
Distribution



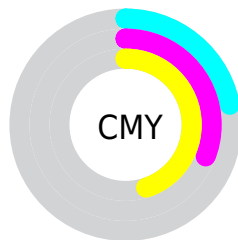
- Red (78%)
- Green (69%)
- Blue (55%)



- Red (70%)
- Yellow (78%)
- Blue (55%)



- Cyan (0%)
- Magenta (12%)
- Yellow (30%)
- Black (22%)



- Cyan (22%)
- Magenta (31%)
- Yellow (45%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 21.686, 82.477 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, 21.686, 82.477 by changing the saturation by 10% instead.

 73, 21.686, 82.477

 73, 21.686, 82.477

 100, 21.686,
82.477

 63, 21.686, 82.477

 93, 21.686, 82.477

 53, 21.686, 82.477

 43, 21.686, 82.477

 33, 21.686, 82.477

 23, 21.686, 82.477

 13, 21.686, 82.477

 3, 21.686, 82.477

 0, 21.686, 82.477

 73, 21.686, 82.477

 73, 21.686, 82.477

71, 29.398, 81.113

75, 14.163, 83.814

68, 37.242, 79.701

78, 6.845, 85.092

66, 45.090, 78.234

80, 0.267, 267.443

64, 52.689, 76.672

83, 7.184, 267.638

62, 59.572, 74.924

86, 13.921,
268.780

60, 64.997, 72.821

88, 18.316,
266.671

58, 68.532, 70.247

90, 16.103,
251.582

58, 68.661, 70.155

92, 15.248,
233.558

94, 15.934,
215.503

Harmonies

Complementary

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



73, 21.686, 82.477



66, 21.067, 270.998

Rectangle

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



73, 21.686, 82.477



73, 21.686, 132.477



73, 21.686, 262.477



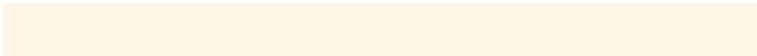
73, 21.686, 312.477

Sweetspot

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



73, 21.687, 82.484



97, 7.812, 85.153



65, 26.177, 352.453



51, 5.441, 84.971



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, 21.687, 82.484



89, 32.508, 81.543



79, 31.141, 111.701



41, 4.025, 85.123



48, 59.192, 70.676



8, 13.403, 71.685

Inverse Universe

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



66, 21.067, 270.998



80, 31.362, 272.427



61, 33.405, 297.091



40, 3.998, 267.629



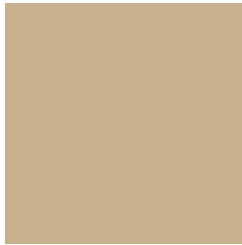
30, 63.095, 292.736



4, 15.793, 278.064

Previews

White Background



This preview shows how the CIELCh color 73, 21.686, 82.477 looks on a white background.

Color Contrast Check

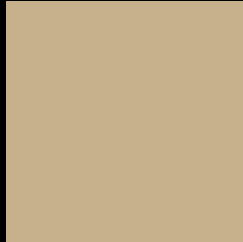
Large Text (above 18pt) WCAG AA × Fail

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, 21.686, 82.477 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

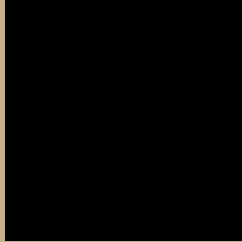
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 21.686, 82.477

Background



This preview shows how black text looks on a background with the CIELCh color 73, 21.686, 82.477.



This preview shows how white text looks on a background with the CIELCh color 73, 21.686, 82.477.

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, 21.686, 82.477

Protanopia

73, 21.057, 94.766

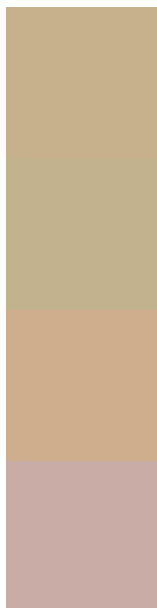
Deuteranopia

73, 23.171, 65.973



Tritanopia
73, 14.653, 352.079

Trichromacy



Original Color
73, 21.686, 82.477

Protanomaly
73, 21.020, 90.134

Deuteranomaly
73, 22.327, 72.297

Tritanomaly
73, 12.041, 33.241

Monochromacy



Original Color
73, 21.686, 82.477

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 7.670, 85.680

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 21.686, 82.477 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(199, 176, 140)` looks like.

```
.text, #text, p{  
    color:rgb(199, 176, 140)  
}
```

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(199, 176, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 176, 140) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 21.686, 82.477 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(199, 176, 140) }
```

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

```
.border{ border-color:rgb(199, 176, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 176, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 176, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 176, 140);  
box-shadow:4px 4px 4px 4px rgb(199, 176,  
140) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 21.686, 82.477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 176, 140) }
```

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

```
.background{ background-color: rgb(199,  
176, 140) }
```

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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