

Converting Colors

CIELCh(72, 21.294, 79.969)

Have a look what the booklet for
CIELCh(72, 21.294, 79.969) contains.

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Color

CIELCh(72, 21.184, 79.328)

Conversions

Conversions Part 1

Format	Color
Hex	C6AD8B
RGB	198, 173, 139
RGB Percent	78%, 68%, 55%
CMY	0.2243, 0.3222, 0.4556
CMYK	0.00, 0.13, 0.30, 0.22
HSL	35°, 34%, 66%
HSV	35°, 30%, 78%
XYZ	42.7975, 43.6590, 30.5319
YIQ	176.5990, 25.8140, -5.2740

Conversions

Conversions Part 2

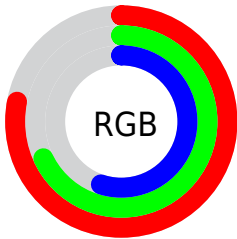
Format	Color
RYB	182, 198, 139
Decimal	13020555
CIELab	72.00, 3.92, 20.82
CIELCh	72, 21.184, 79.328
Yxy	43.6590, 0.3658, 0.3732
Android (android.graphics.Color)	4291210635 (0xFFC6AD8B)
YUV	176.5990, -18.5363, 18.7687
Hunter-Lab	66.0750, -0.0148, 18.8558

Details

The CIELCh color $72, 21.184, 79.328$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $67, 20.267, 267.933$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 20.865, 78.884$, and $52, 21.051, 79.899$ is the 20% darker color. If you saturate the color by 10%, you get $69, 28.758, 77.976$, and if you desaturate by 10%, it is $75, 13.841, 80.658$.

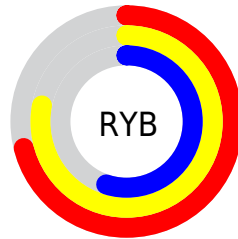
Distribution



Red (78%)

Green (68%)

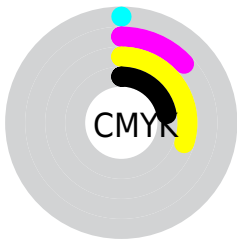
Blue (55%)



Red (71%)

Yellow (78%)

Blue (55%)

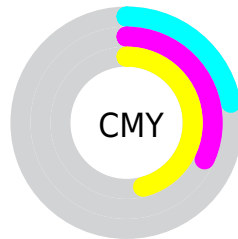


Cyan (0%)

Magenta (13%)

Yellow (30%)

Black (22%)



Cyan (22%)

Magenta (32%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 21.184, 79.328 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 72, 21.184, 79.328 by changing the saturation by 10% instead.

■ 72, 21.184, 79.328

■ 72, 21.184, 79.328

■ 100, 21.184,
79.328

■ 62, 21.184, 79.328

■ 92, 21.184, 79.328

■ 52, 21.184, 79.328

■ 42, 21.184, 79.328

■ 32, 21.184, 79.328

■ 22, 21.184, 79.328

■ 12, 21.184, 79.328

■ 2, 21.184, 79.328

■ 0, 21.184, 79.328

■ 72, 21.184, 79.328

■ 72, 21.184, 79.328

69, 28.758, 77.976

75, 13.841, 80.658

67, 36.517, 76.581

77, 6.739, 81.931

65, 44.348, 75.134

80, 0.131, 265.570

62, 52.015, 73.591

83, 6.783, 264.494

60, 59.068, 71.852

85, 13.236,
265.640

58, 64.760, 69.722

88, 18.349,
264.799

56, 68.661, 67.093

56, 68.732, 67.048

90, 16.175,
248.224

92, 15.618,
228.867

95, 16.793,
210.427

Harmonies

Complementary

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



72, 21.184, 79.328



67, 20.267, 267.933

Rectangle

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



72, 21.184, 79.328



72, 21.184, 129.328



72, 21.184, 259.328



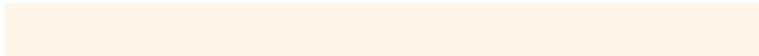
72, 21.184, 309.328

Sweetspot

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



72, 21.185, 79.335



97, 7.582, 82.015



64, 26.666, 350.372



51, 5.282, 81.833



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



72, 21.185, 79.335



88, 31.784, 78.425



78, 31.107, 110.236



41, 3.906, 81.984



47, 59.513, 67.583



8, 13.174, 67.243

Inverse Universe

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



67, 20.267, 267.933



80, 30.082, 269.344



60, 33.412, 296.009



40, 3.864, 264.506



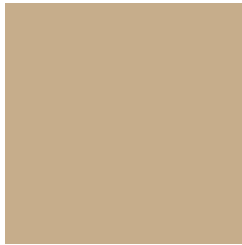
32, 59.358, 290.283



4, 15.256, 276.021

Previews

White Background



This preview shows how the CIELCh color 72, 21.184, 79.328 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 72, 21.184, 79.328 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

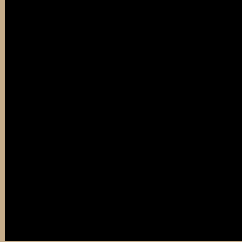
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 21.184, 79.328

Background



This preview shows how black text looks on a background with the CIELCh color 72, 21.184, 79.328.



This preview shows how white text looks on a background with the CIELCh color 72, 21.184, 79.328.

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

72, 21.184, 79.328

Protanopia

72, 20.075, 94.162

Deuteranopia

72, 22.650, 67.454



Tritanopia
72, 15.377, 353.572

Trichromacy



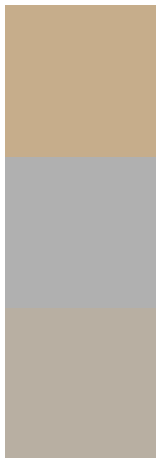
Original Color
72, 21.184, 79.328

Protanomaly
72, 20.202, 88.196

Deuteranomaly
72, 21.961, 71.510

Tritanomaly
72, 12.739, 30.176

Monochromacy



Original Color
72, 21.184, 79.328

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 7.861, 83.043

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 21.184, 79.328 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(198, 173, 139)` looks like.

```
.text, #text, p{  
    color:rgb(198, 173, 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(198, 173, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 173, 139) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 21.184, 79.328 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(198, 173, 139) }
```

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

```
.border{ border-color:rgb(198, 173, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 173, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 173, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 173, 139);  
box-shadow:4px 4px 4px 4px rgb(198, 173,  
139) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 21.184, 79.328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 173, 139) }
```

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

```
.background{ background-color: rgb(198,  
173, 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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