

Converting Colors

CIELCh(72, 19.509, 78.390)

Have a look what the booklet for
CIELCh(72, 19.509, 78.390) contains.

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Color

CIELCh(72, 19.533, 78.372)

Conversions

Conversions Part 1

Format	Color
Hex	C5AD8E
RGB	197, 173, 142
RGB Percent	77%, 68%, 56%
CMY	0.2278, 0.3219, 0.4435
CMYK	0.00, 0.12, 0.28, 0.23
HSL	34°, 32%, 66%
HSV	34°, 28%, 77%
XYZ	42.8022, 43.6590, 31.7265
YIQ	176.6420, 24.2550, -4.5530

Conversions

Conversions Part 2

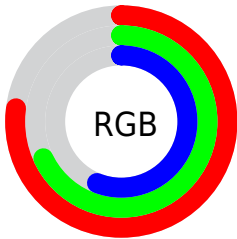
Format	Color
RYB	185, 197, 142
Decimal	12955022
CIELab	72.00, 3.94, 19.13
CIElCh	72, 19.533, 78.372
Yxy	43.6590, 0.3622, 0.3694
Android (android.graphics.Color)	4291145102 (0xFFC5AD8E)
YUV	176.6420, -17.0785, 17.8540
Hunter-Lab	66.0750, -0.0021, 17.7838

Details

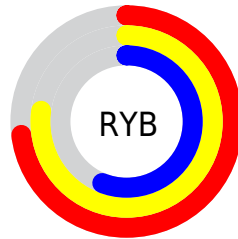
The CIELCh color $72, 19.533, 78.372$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $67, 18.642, 266.344$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 19.306, 77.833$, and $52, 19.280, 79.070$ is the 20% darker color. If you saturate the color by 10%, you get $69, 27.003, 77.037$, and if you desaturate by 10%, it is $75, 12.313, 79.688$.

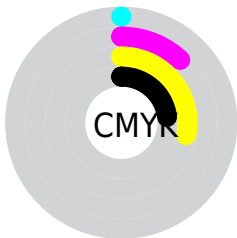
Distribution



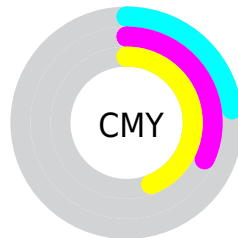
- Red (77%)
- Green (68%)
- Blue (56%)



- Red (73%)
- Yellow (77%)
- Blue (56%)



- Cyan (0%)
- Magenta (12%)
- Yellow (28%)
- Black (23%)



- Cyan (23%)
- Magenta (32%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 19.533, 78.372 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, 19.533, 78.372 by changing the saturation by 10% instead.

■ 72, 19.533, 78.372

■ 72, 19.533, 78.372

■ 100, 19.533,
78.372

■ 62, 19.533, 78.372

■ 92, 19.533, 78.372

■ 52, 19.533, 78.372

■ 42, 19.533, 78.372

■ 32, 19.533, 78.372

■ 22, 19.533, 78.372

■ 12, 19.533, 78.372

■ 2, 19.533, 78.372

■ 0, 19.533, 78.372

■ 72, 19.533, 78.372

■ 72, 19.533, 78.372

69, 27.003, 77.037

75, 12.313, 79.688

67, 34.688, 75.661

77, 5.346, 80.940

64, 42.500, 74.241

80, 1.382, 262.473

62, 50.239, 72.738

83, 7.888, 263.491

60, 57.511, 71.063

86, 14.193,
264.632

58, 63.632, 69.037

88, 18.040,
261.602

56, 67.875, 66.442

55, 68.707, 65.916

90, 16.137,
244.022

93, 15.980,
224.314

95, 17.565,
206.435

Harmonies

Complementary

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



72, 19.533, 78.372



67, 18.642, 266.344

Rectangle

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



72, 19.533, 78.372



72, 19.533, 128.372



72, 19.533, 258.372



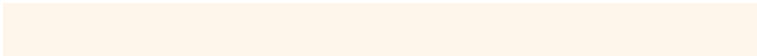
72, 19.533, 308.372

Sweetspot

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



72, 19.534, 78.379



97, 6.655, 80.917



65, 25.084, 349.129



51, 4.744, 80.732



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, 19.534, 78.379



89, 29.681, 77.498



78, 29.045, 109.675



41, 3.865, 80.764



46, 59.684, 66.449



8, 13.110, 65.558

Inverse Universe

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



67, 18.642, 266.344



82, 27.985, 267.687



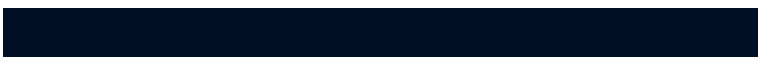
61, 31.042, 295.200



40, 3.817, 263.286



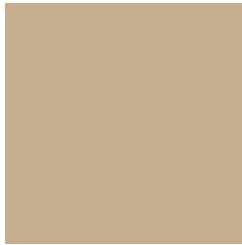
32, 57.978, 289.293



4, 15.052, 275.187

Previews

White Background



This preview shows how the CIELCh color 72, 19.533, 78.372 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, 19.533, 78.372 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

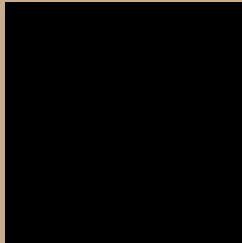
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 19.533, 78.372

Background



This preview shows how black text looks on a background with the CIELCh color 72, 19.533, 78.372.



This preview shows how white text looks on a background with the CIELCh color 72, 19.533, 78.372.

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, 19.533, 78.372

Protanopia

72, 18.402, 94.412

Deuteranopia

72, 20.678, 64.771



Tritanopia
72, 14.349, 351.314

Trichromacy



Original Color
72, 19.533, 78.372

Protanomaly
72, 18.525, 87.935

Deuteranomaly
72, 19.927, 69.119

Tritanomaly
72, 11.818, 28.224

Monochromacy



Original Color
72, 19.533, 78.372

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 7.191, 84.018

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 19.533, 78.372 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(197, 173, 142)` looks like.

```
.text, #text, p{  
    color:rgb(197, 173, 142)  
}
```

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(197, 173, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 173, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 19.533, 78.372 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(197, 173, 142) }
```

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

```
.border{ border-color:rgb(197, 173, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 173, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 173, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 173, 142);  
box-shadow:4px 4px 4px 4px rgb(197, 173,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 19.533, 78.372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 173, 142) }
```

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

```
.background{ background-color: rgb(197,  
173, 142) }
```

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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