

Converting Colors

CIELCh(72, 18.878, 72.929)

Have a look what the booklet for
CIELCh(72, 18.878, 72.929) contains.

CIELCh(72, 18.855, 72.946)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(72, 18.855, 72.946)

Conversions

Conversions Part 1

Format	Color
Hex	C7AC90
RGB	199, 172, 144
RGB Percent	78%, 67%, 56%
CMY	0.2196, 0.3255, 0.4353
CMYK	0.00, 0.14, 0.28, 0.22
HSL	31°, 33%, 67%
HSV	31°, 28%, 78%
XYZ	43.3380, 43.6590, 32.5272
YIQ	176.8810, 25.0800, -2.9840

Conversions

Conversions Part 2

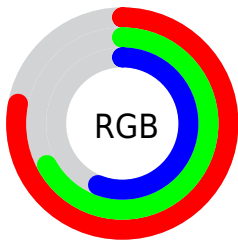
Format	Color
R _Y B	197, 199, 144
Decimal	13085840
CIE Lab	72.00, 5.53, 18.03
CIE LCh	72, 18.855, 72.946
Yxy	43.6590, 0.3626, 0.3653
Android (android.graphics.Color)	4291275920 (0xFFC7AC90)
YUV	176.8810, -16.2103, 19.3984
Hunter-Lab	66.0750, 1.4454, 17.0654

Details

The CIELCh color $72, 18.855, 72.946$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $69, 17.563, 260.655$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 18.436, 73.536$, and $52, 18.555, 73.266$ is the 20% darker color. If you saturate the color by 10%, you get $69, 26.270, 71.683$, and if you desaturate by 10%, it is $75, 11.761, 74.204$.

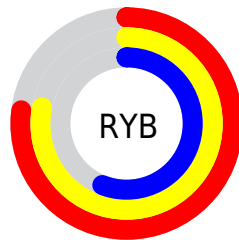
Distribution



Red (78%)

Green (67%)

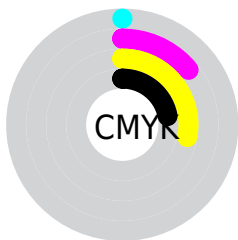
Blue (56%)



Red (77%)

Yellow (78%)

Blue (56%)

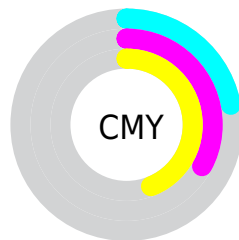


Cyan (0%)

Magenta (14%)

Yellow (28%)

Black (22%)



Cyan (22%)

Magenta (33%)

Yellow (44%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 18.855, 72.946 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, 18.855, 72.946 by changing the saturation by 10% instead.

 72, 18.855, 72.946

 72, 18.855, 72.946

 100, 18.855,
72.946

 62, 18.855, 72.946

 92, 18.855, 72.946

 52, 18.855, 72.946

 42, 18.855, 72.946

 32, 18.855, 72.946

 22, 18.855, 72.946

 12, 18.855, 72.946

 2, 18.855, 72.946

 0, 18.855, 72.946

 72, 18.855, 72.946

 72, 18.855, 72.946

69, 26.270, 71.683

75, 11.761, 74.204

66, 33.989, 70.395

78, 4.978, 75.405

64, 41.946, 69.081

81, 1.517, 256.929

61, 49.969, 67.701

84, 7.750, 257.920

59, 57.700, 66.161

87, 13.748,
259.042

56, 64.462, 64.258

90, 16.106,
251.176

54, 69.421, 61.724

54, 70.533, 61.145

93, 15.325,
228.365

95, 16.911,
206.939

96, 18.407,
198.288

Harmonies

Complementary

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



72, 18.855, 72.946



69, 17.563, 260.655

Rectangle

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



72, 18.855, 72.946



72, 18.855, 122.946



72, 18.855, 252.946



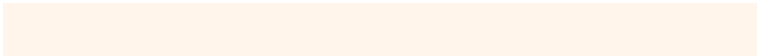
72, 18.855, 302.946

Sweetspot

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



72, 18.855, 72.954



97, 6.384, 75.350



66, 25.781, 346.171



51, 4.553, 75.173



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, 18.855, 72.954



88, 27.904, 72.213



79, 28.968, 107.518



40, 3.709, 75.203



44, 60.714, 61.732



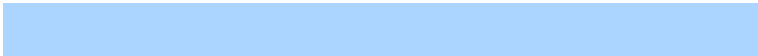
7, 12.960, 58.579

Inverse Universe

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



69, 17.563, 260.655



83, 25.556, 261.831



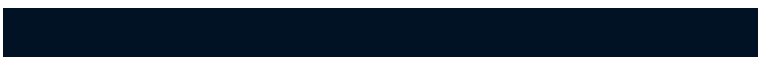
62, 30.943, 293.494



40, 3.635, 257.686



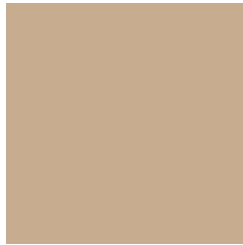
35, 52.183, 284.506



5, 14.168, 271.087

Previews

White Background



This preview shows how the CIELCh color 72, 18.855, 72.946 looks on a white background.

Color Contrast Check

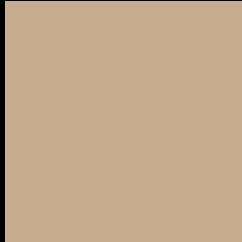
Large Text (above 18pt) WCAG AA × Fail

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, 18.855, 72.946 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

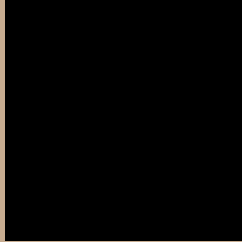
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 18.855, 72.946

Background



This preview shows how black text looks on a background with the CIELCh color 72, 18.855, 72.946.



This preview shows how white text looks on a background with the CIELCh color 72, 18.855, 72.946.

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, 18.855, 72.946

Protanopia

72, 16.831, 93.324

Deuteranopia

72, 20.270, 63.808



Tritanopia
72, 15.377, 353.572

Trichromacy



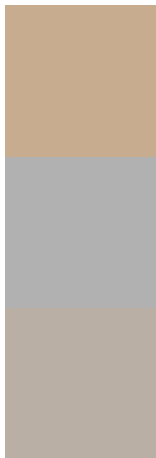
Original Color
72, 18.855, 72.946

Protanomaly
72, 17.509, 86.877

Deuteranomaly
72, 19.776, 67.314

Tritanomaly
72, 12.936, 25.259

Monochromacy



Original Color
72, 18.855, 72.946

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 6.648, 74.064

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 18.855, 72.946 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, 172, 144)` looks like.

```
.text, #text, p{  
    color:rgb(199, 172, 144)  
}
```

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, 172, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 172, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 18.855, 72.946 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, 172, 144) }
```

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

```
.border{ border-color:rgb(199, 172, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 172, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 172, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 172, 144);  
box-shadow:4px 4px 4px 4px rgb(199, 172,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 18.855, 72.946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 172, 144) }
```

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

```
.background{ background-color: rgb(199,  
172, 144) }
```

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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