

Converting Colors

CIELCh(72, 12.740, 65.938)

Have a look what the booklet for
CIELCh(72, 12.740, 65.938) contains.

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Color

CIELCh(72, 12.740, 65.938)

Conversions

Conversions Part 1

Format	Color
Hex	C3AD9C
RGB	195, 173, 156
RGB Percent	76%, 68%, 61%
CMY	0.2370, 0.3232, 0.3898
CMYK	0.00, 0.11, 0.20, 0.24
HSL	26°, 24%, 69%
HSV	26°, 20%, 76%
XYZ	43.2249, 43.6590, 37.4199
YIQ	177.6400, 18.5690, -0.6230

Conversions

Conversions Part 2

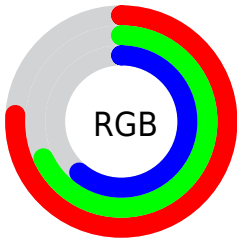
Format	Color
R _Y B	195, 186, 156
Decimal	12823964
CIE Lab	72.00, 5.19, 11.63
CIE LCh	72, 12.740, 65.938
Yxy	43.6590, 0.3477, 0.3512
Android (android.graphics.Color)	4291014044 (0xFFC3AD9C)
YUV	177.6400, -10.6685, 15.2247
Hunter-Lab	66.0750, 1.1397, 12.6751

Details

The CIELCh color $72, 12.740, 65.938$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $71, 11.832, 250.867$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 12.925, 65.438$, and $52, 12.697, 66.353$ is the 20% darker color. If you saturate the color by 10%, you get $69, 19.665, 64.864$, and if you desaturate by 10%, it is $75, 6.200, 67.020$.

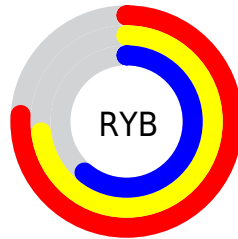
Distribution



Red (76%)

Green (68%)

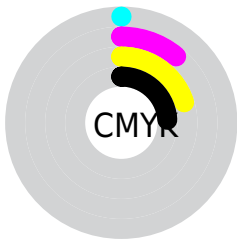
Blue (61%)



Red (76%)

Yellow (73%)

Blue (61%)

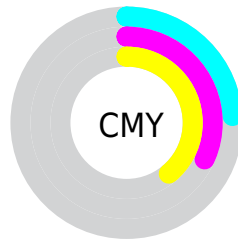


Cyan (0%)

Magenta (11%)

Yellow (20%)

Black (24%)



Cyan (24%)

Magenta (32%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 12.740, 65.938 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, 12.740, 65.938 by changing the saturation by 10% instead.

■ 72, 12.740, 65.938

■ 72, 12.740, 65.938

■ 100, 12.740,
65.938

■ 62, 12.740, 65.938

■ 92, 12.740, 65.938

■ 52, 12.740, 65.938

■ 42, 12.740, 65.938

■ 32, 12.740, 65.938

■ 22, 12.740, 65.938

■ 12, 12.740, 65.938

■ 2, 12.740, 65.938

■ 0, 12.740, 65.938

■ 72, 12.740, 65.938

■ 72, 12.740, 65.938

69, 19.665, 64.864

75, 6.200, 67.020

66, 26.995, 63.791

79, 0.016, 40.933

63, 34.724, 62.736

82, 5.854, 249.348

60, 42.794, 61.688

85, 11.440,
250.383

57, 51.037, 60.601

89, 16.776,
251.413

54, 59.074, 59.353

52, 66.162, 57.682

92, 16.425,
230.288

50, 71.719, 55.489

95, 18.043,
207.572

96, 19.743,
198.204

Harmonies

Complementary

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



72, 12.740, 65.938



71, 11.832, 250.867

Rectangle

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



72, 12.740, 65.938



72, 12.740, 115.938



72, 12.740, 245.938



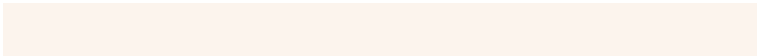
72, 12.740, 295.938

Sweetspot

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



72, 12.740, 65.949



97, 4.528, 67.411



68, 19.066, 341.839



52, 3.034, 67.348



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, 12.740, 65.949



89, 19.096, 65.478



77, 19.397, 105.325



39, 3.485, 67.089



41, 61.976, 56.065



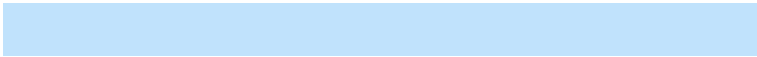
6, 11.480, 51.282

Inverse Universe

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



71, 11.832, 250.867



88, 17.417, 251.574



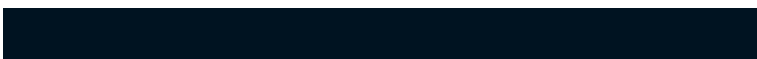
66, 20.178, 289.715



39, 3.378, 249.378



38, 44.466, 276.473



5, 11.966, 263.367

Previews

White Background



This preview shows how the CIELCh color 72, 12.740, 65.938 looks on a white background.

Color Contrast Check

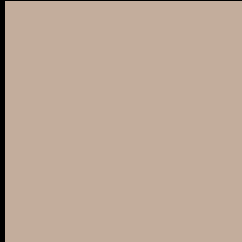
Large Text (above 18pt) WCAG AA × Fail

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, 12.740, 65.938 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

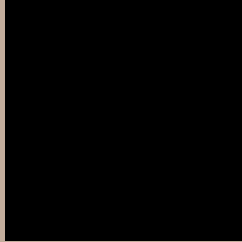
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 12.740, 65.938

Background



This preview shows how black text looks on a background with the CIELCh color 72, 12.740, 65.938.



This preview shows how white text looks on a background with the CIELCh color 72, 12.740, 65.938.

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, 12.740, 65.938

Protanopia

72, 10.757, 92.174

Deuteranopia

72, 14.588, 51.421



Tritanopia
72, 13.030, 347.816

Trichromacy



Original Color
72, 12.740, 65.938

Protanomaly
72, 11.510, 82.660

Deuteranomaly
72, 13.871, 55.810

Tritanomaly
72, 10.447, 14.347

Monochromacy



Original Color
72, 12.740, 65.938

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 4.452, 66.399

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 12.740, 65.938 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(195, 173, 156)` looks like.

```
.text, #text, p{  
    color:rgb(195, 173, 156)  
}
```

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(195, 173, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 173, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 12.740, 65.938 is called "border". The border property can be set on classes, ids or directly on the HTML element.

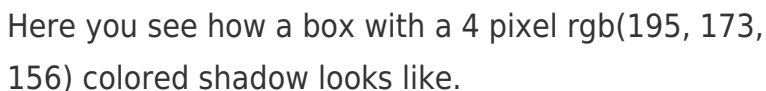
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 173, 156) }
```

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

```
.border{ border-color:rgb(195, 173, 156) }
```

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



Here you see how a box with a 4 pixel `rgb(195, 173, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 173, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 173, 156);  
box-shadow:4px 4px 4px 4px rgb(195, 173,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 12.740, 65.938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 173, 156) }
```

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

```
.background{ background-color: rgb(195,  
173, 156) }
```

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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