

Converting Colors

CIELCh(72, 13.846, 73.249)

Have a look what the booklet for
CIELCh(72, 13.846, 73.249) contains.

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Color

CIELCh(72, 13.503, 72.863)

Conversions

Conversions Part 1

Format	Color
Hex	C1AD99
RGB	193, 173, 153
RGB Percent	76%, 68%, 60%
CMY	0.2422, 0.3206, 0.3991
CMYK	0.00, 0.10, 0.21, 0.24
HSL	30°, 24%, 68%
HSV	30°, 21%, 76%
XYZ	42.8162, 43.6590, 36.4110
YIQ	176.7000, 18.3400, -1.9800

Conversions

Conversions Part 2

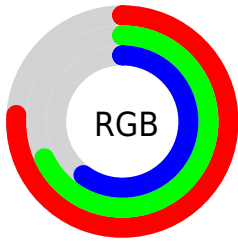
Format	Color
R _{YB}	193, 193, 153
Decimal	12692889
CIE Lab	72.00, 3.98, 12.90
CIE LCh	72, 13.503, 72.863
Yxy	43.6590, 0.3484, 0.3553
Android (android.graphics.Color)	4290882969 (0xFFC1AD99)
YUV	176.7000, -11.6841, 14.2951
Hunter-Lab	66.0750, 0.0357, 13.5804

Details

The CIELCh color $72, 13.503, 72.863$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $70, 12.789, 258.407$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 13.631, 72.017$, and $52, 13.530, 73.625$ is the 20% darker color. If you saturate the color by 10%, you get $69, 20.504, 71.633$, and if you desaturate by 10%, it is $75, 6.819, 74.081$.

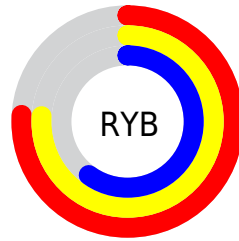
Distribution



Red (76%)

Green (68%)

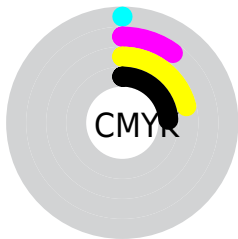
Blue (60%)



Red (76%)

Yellow (76%)

Blue (60%)

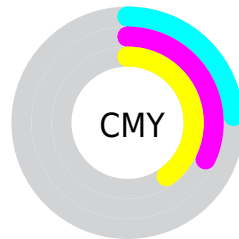


Cyan (0%)

Magenta (10%)

Yellow (21%)

Black (24%)



Cyan (24%)

Magenta (32%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 13.503, 72.863 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, 13.503, 72.863 by changing the saturation by 10% instead.

■ 72, 13.503, 72.863

■ 72, 13.503, 72.863

■ 100, 13.503,
72.863

■ 62, 13.503, 72.863

■ 92, 13.503, 72.863

■ 52, 13.503, 72.863

■ 42, 13.503, 72.863

■ 32, 13.503, 72.863

■ 22, 13.503, 72.863

■ 12, 13.503, 72.863

■ 2, 13.503, 72.863

■ 0, 13.503, 72.863

■ 72, 13.503, 72.863

■ 72, 13.503, 72.863

69, 20.504, 71.633

75, 6.819, 74.081

66, 27.829, 70.379

78, 0.432, 74.515

64, 35.451, 69.110

81, 5.685, 256.590

61, 43.287, 67.811

84, 11.560,
257.705

58, 51.132, 66.431

87, 17.219,
258.802

56, 58.563, 64.847

54, 64.818, 62.815

90, 17.165,
245.191

52, 69.235, 60.471

92, 16.914,
224.253

95, 18.742,
205.356

96, 20.137,
198.179

Harmonies

Complementary

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



72, 13.503, 72.863



70, 12.789, 258.407

Rectangle

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



72, 13.503, 72.863



72, 13.503, 122.863



72, 13.503, 252.863



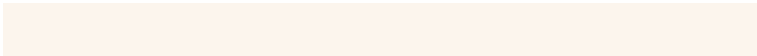
72, 13.503, 302.863

Sweetspot

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



72, 13.503, 72.873



97, 4.696, 74.602



67, 18.771, 345.451



52, 3.146, 74.530



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, 13.503, 72.873



90, 20.482, 72.293



77, 21.267, 108.189



39, 3.609, 74.237



43, 60.210, 61.032



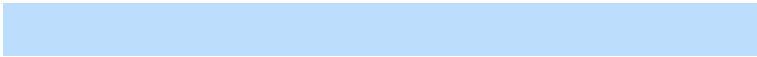
6, 11.488, 58.245

Inverse Universe

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



70, 12.789, 258.407



87, 19.129, 259.229



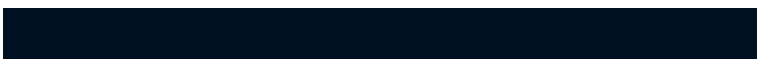
65, 22.305, 292.512



39, 3.532, 256.697



35, 50.596, 283.558



5, 12.823, 269.410

Previews

White Background



This preview shows how the CIELCh color 72, 13.503, 72.863 looks on a white background.

Color Contrast Check

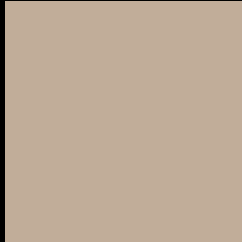
Large Text (above 18pt) WCAG AA × Fail

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, 13.503, 72.863 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

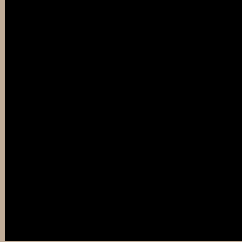
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 13.503, 72.863

Background



This preview shows how black text looks on a background with the CIELCh color 72, 13.503, 72.863.



This preview shows how white text looks on a background with the CIELCh color 72, 13.503, 72.863.

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, 13.503, 72.863

Protanopia

72, 11.913, 91.702

Deuteranopia

72, 15.578, 53.872



Tritanopia
72, 12.712, 346.841

Trichromacy



Original Color
72, 13.503, 72.863

Protanomaly
72, 12.500, 84.689

Deuteranomaly
72, 14.581, 59.058

Tritanomaly
72, 9.631, 16.983

Monochromacy



Original Color
72, 13.503, 72.863

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 5.084, 77.870

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 13.503, 72.863 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(193, 173, 153)` looks like.

```
.text, #text, p{  
    color:rgb(193, 173, 153)  
}
```

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(193, 173, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 173, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 13.503, 72.863 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(193, 173, 153) }
```

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

```
.border{ border-color:rgb(193, 173, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 173, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 173, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 173, 153);  
box-shadow:4px 4px 4px 4px rgb(193, 173,  
153) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 13.503, 72.863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 173, 153) }
```

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

```
.background{ background-color: rgb(193,  
173, 153) }
```

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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