

Converting Colors

CIELCh(72, 22.618, 107.935)

Have a look what the booklet for
CIELCh(72, 22.618, 107.935)
contains.

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Color

CIELCh(72, 22.618, 107.935)

Conversions

Conversions Part 1

Format	Color
Hex	B3B389
RGB	179, 179, 137
RGB Percent	70%, 70%, 54%
CMY	0.2978, 0.2978, 0.4625
CMYK	0.00, 0.00, 0.23, 0.30
HSL	60°, 22%, 62%
HSV	60°, 23%, 70%
XYZ	39.2524, 43.6590, 30.0438
YIQ	174.2120, 13.4820, -13.0620

Conversions

Conversions Part 2

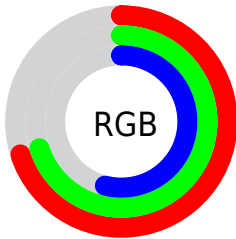
Format	Color
RYB	137, 179, 137
Decimal	11776905
CIELab	72.00, -6.96, 21.52
CIELCh	72, 22.618, 107.935
Yxy	43.6590, 0.3475, 0.3865
Android (android.graphics.Color)	4289966985 (0xFFB3B389)
YUV	174.2120, -18.3455, 4.1991
Hunter-Lab	66.0750, -9.5917, 19.2937

Details

The CIELCh color **72, 22.618, 107.935** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **58, 23.883, 292.871**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 22.561, 108.358**, and **52, 22.307, 107.310** is the 20% darker color. If you saturate the color by 10%, you get **72, 32.052, 106.990**, and if you desaturate by 10%, it is **72, 13.025, 108.897**.

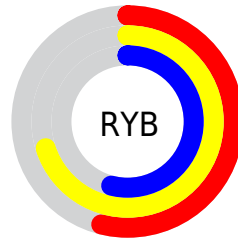
Distribution



Red (70%)

Green (70%)

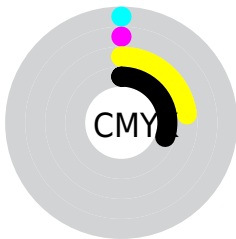
Blue (54%)



Red (54%)

Yellow (70%)

Blue (54%)

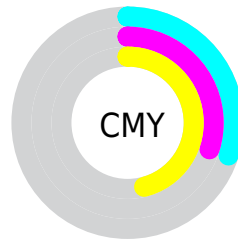


Cyan (0%)

Magenta (0%)

Yellow (23%)

Black (30%)



Cyan (30%)


Magenta (30%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 22.618, 107.935 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, 22.618, 107.935 by changing the saturation by 10% instead.


 72, 22.618,
107.935


 72, 22.618,
107.935


 100, 22.618,
107.935


 62, 22.618,
107.935


 92, 22.618,
107.935

 52, 22.618,
107.935

 42, 22.618,
107.935

 32, 22.618,
107.935

 22, 22.618,
107.935

 12, 22.618,
107.935

 2, 22.618, 107.935

0, 22.618, 107.935

72, 22.618,
107.935

72, 22.618,
107.935

72, 32.052,
106.990

72, 13.025,
108.897

71, 41.200,
106.070

73, 3.348, 109.837

71, 49.873,
105.205

73, 6.360, 290.800

71, 57.792,
104.427

74, 16.064,
291.704

71, 64.569,
103.773

74, 25.741,
292.579

71, 69.753,
103.282

75, 35.372,
293.416

75, 41.002,

■ 71, 72.981,
102.981

293.889

■ 71, 74.324,
102.857

■ 75, 41.002,
293.890

■ 75, 41.002,
293.891

Harmonies

Complementary

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



72, 22.618, 107.935



58, 23.883, 292.871

Rectangle

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



72, 22.618, 107.935



72, 22.618, 157.935



72, 22.618, 287.935



72, 22.618, 337.935

Sweetspot

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



72, 22.620, 107.939



92, 8.371, 109.499



61, 17.157, 21.147



49, 5.483, 109.444



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



72, 22.620, 107.939



91, 33.236, 107.461



70, 24.232, 128.006



38, 5.471, 109.291



61, 66.185, 102.857



8, 13.294, 110.085

Inverse Universe

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



58, 23.883, 292.871



71, 35.563, 293.591



60, 25.016, 310.167



34, 5.590, 291.133



17, 91.390, 306.287



1, 13.317, 290.180

Previews

White Background



This preview shows how the CIELCh color 72, 22.618, 107.935 looks on a white background.

Color Contrast Check

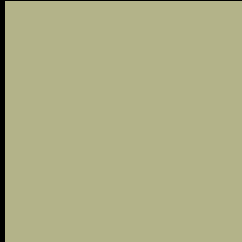
Large Text (above 18pt) WCAG AA × Fail

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, 22.618, 107.935 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

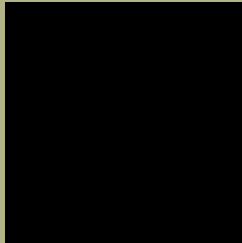
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

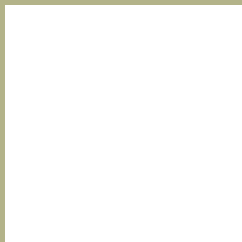
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 22.618, 107.935

Background



This preview shows how black text looks on a background with the CIELCh color 72, 22.618, 107.935.



This preview shows how white text looks on a background with the CIELCh color 72, 22.618, 107.935.

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, 22.618, 107.935

Protanopia
72, 22.170, 95.210

Deuteranopia
72, 22.547, 65.852



Tritanopia
72, 9.065, 322.859

Trichromacy



Original Color
72, 22.618, 107.935

Protanomaly
72, 22.363, 99.571

Deuteranomaly
72, 21.268, 81.881

Tritanomaly
72, 4.866, 70.702

Monochromacy



Original Color
72, 22.618, 107.935

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 8.139, 109.364

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 22.618, 107.935 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(179, 179, 137)` looks like.

```
.text, #text, p{  
    color:rgb(179, 179, 137)  
}
```

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(179, 179, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 179, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 22.618, 107.935 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(179, 179, 137) }
```

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

```
.border{ border-color:rgb(179, 179, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 179, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 179, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 179, 137);  
box-shadow:4px 4px 4px 4px rgb(179, 179,  
137) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 22.618, 107.935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 179, 137) }
```

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

```
.background{ background-color: rgb(179,  
179, 137) }
```

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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