

Converting Colors

CIELCh(72, 25.248, 107.682)

Have a look what the booklet for
CIELCh(72, 25.248, 107.682)
contains.

CIELCh(72, 25.272, 107.669)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(72, 25.272, 107.669)

Conversions

Conversions Part 1

Format	Color
Hex	B3B384
RGB	179, 179, 132
RGB Percent	70%, 70%, 52%
CMY	0.2968, 0.2968, 0.4812
CMYK	0.00, 0.00, 0.26, 0.30
HSL	60°, 24%, 61%
HSV	60°, 26%, 70%
XYZ	39.0297, 43.6590, 28.3057
YIQ	173.6420, 15.0870, -14.6170

Conversions

Conversions Part 2

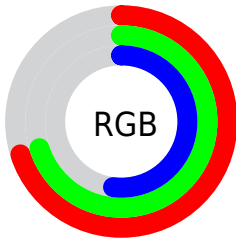
Format	Color
RYB	132, 179, 132
Decimal	11776900
CIELab	72.00, -7.67, 24.08
CIELCh	72, 25.272, 107.669
Yxy	43.6590, 0.3516, 0.3933
Android (android.graphics.Color)	4289966980 (0xFFB3B384)
YUV	173.6420, -20.5295, 4.6990
Hunter-Lab	66.0750, -10.1934, 20.8533

Details

The CIELCh color **72, 25.272, 107.669** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **57, 26.879, 293.259**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 25.610, 108.109**, and **52, 25.093, 106.947** is the 20% darker color. If you saturate the color by 10%, you get **72, 34.653, 106.730**, and if you desaturate by 10%, it is **72, 15.703, 108.630**.

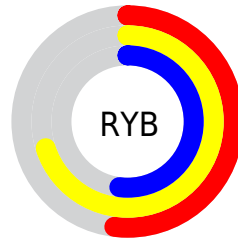
Distribution



Red (70%)

Green (70%)

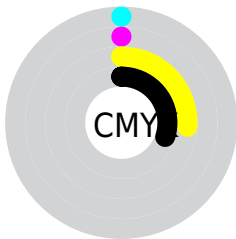
Blue (52%)



Red (52%)

Yellow (70%)

Blue (52%)

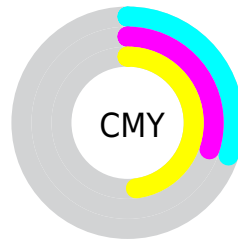


Cyan (0%)

Magenta (0%)

Yellow (26%)

Black (30%)



Cyan (30%)

Magenta (30%)

Yellow (48%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 25.272, 107.669 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, 25.272, 107.669 by changing the saturation by 10% instead.


 72, 25.272,
107.669

 72, 25.272,
107.669


 100, 25.272,
107.669

 62, 25.272,
107.669


 92, 25.272,
107.669

 52, 25.272,
107.669

 42, 25.272,
107.669

 32, 25.272,
107.669

 22, 25.272,
107.669

 12, 25.272,
107.669

 2, 25.272, 107.669

■ 0, 25.272, 107.669

■ 72, 25.272,
107.669

■ 72, 25.272,
107.669

■ 72, 34.653,
106.730

■ 72, 15.703,
108.630

■ 71, 43.702,
105.822

■ 73, 6.032, 109.581

■ 71, 52.210,
104.977

■ 73, 3.683, 290.549

■ 71, 59.864,
104.229

■ 74, 13.402,
291.455

■ 71, 66.253,
103.616

■ 74, 23.100,
292.339

■ 71, 70.927,
103.176

■ 75, 32.756,
293.187

■ 76, 40.855,

■ 71, 73.627,
102.925

293.872

■ 71, 74.403,
102.853

■ 76, 40.855,
293.872

■ 76, 40.855,
293.872

Harmonies

Complementary

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



72, 25.272, 107.669



57, 26.879, 293.259

Rectangle

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



72, 25.272, 107.669



72, 25.272, 157.669



72, 25.272, 287.669



72, 25.272, 337.669

Sweetspot

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



72, 25.273, 107.673



92, 9.566, 109.401



60, 19.400, 21.437



49, 6.852, 109.259



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, 25.273, 107.673



91, 36.718, 107.170



70, 27.100, 127.873



38, 5.471, 109.289



61, 66.185, 102.853



8, 13.294, 110.082

Inverse Universe

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



57, 26.879, 293.259



68, 39.628, 294.055



59, 28.089, 310.310



34, 5.590, 291.131



17, 91.390, 306.287



1, 13.317, 290.178

Previews

White Background



This preview shows how the CIELCh color 72, 25.272, 107.669 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, 25.272, 107.669 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

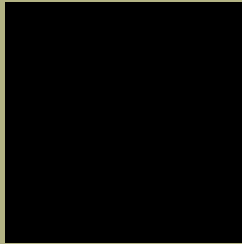
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

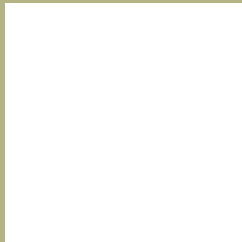
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 25.272, 107.669

Background



This preview shows how black text looks on a background with the CIELCh color 72, 25.272, 107.669.



This preview shows how white text looks on a background with the CIELCh color 72, 25.272, 107.669.

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, 25.272, 107.669

Protanopia

72, 24.881, 95.278

Deuteranopia

72, 24.980, 68.900



Tritanopia
72, 9.268, 324.824

Trichromacy



Original Color
72, 25.272, 107.669

Protanomaly
72, 25.007, 100.132

Deuteranomaly
72, 23.926, 83.413

Tritanomaly
72, 5.975, 74.184

Monochromacy



Original Color
72, 25.272, 107.669

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 9.224, 109.257

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 25.272, 107.669 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, 132)` looks like.

```
.text, #text, p{  
    color:rgb(179, 179, 132)  
}
```

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, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 179, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 25.272, 107.669 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, 132) }
```

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

```
.border{ border-color:rgb(179, 179, 132) }
```

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, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 179, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 179, 132);  
box-shadow:4px 4px 4px 4px rgb(179, 179,  
132) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 25.272, 107.669 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, 132) }
```

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

```
.background{ background-color: rgb(179,  
179, 132) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor