

Converting Colors

CIELCh(72, 10.969, 87.789)

Have a look what the booklet for
CIELCh(72, 10.969, 87.789) contains.

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Color

CIELCh(72, 10.674, 85.281)

Conversions

Conversions Part 1

Format	Color
Hex	BAAF9D
RGB	186, 175, 157
RGB Percent	73%, 69%, 62%
CMY	0.2697, 0.3128, 0.3834
CMYK	0.00, 0.06, 0.16, 0.27
HSL	37°, 17%, 67%
HSV	37°, 16%, 73%
XYZ	41.7855, 43.6590, 38.2230
YIQ	176.2370, 12.3340, -3.2660

Conversions

Conversions Part 2

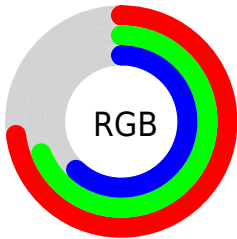
Format	Color
RYB	175, 186, 157
Decimal	12234653
CIELab	72.00, 0.88, 10.64
CIELCh	72, 10.674, 85.281
Yxy	43.6590, 0.3379, 0.3530
Android (android.graphics.Color)	4290424733 (0xFFBAAF9D)
YUV	176.2370, -9.4838, 8.5622
Hunter-Lab	66.0750, -2.7487, 11.9544

Details

The CIELCh color $72, 10.674, 85.281$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $69, 10.552, 269.458$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 10.274, 83.801$, and $52, 10.712, 85.528$ is the 20% darker color. If you saturate the color by 10%, you get $70, 17.771, 83.988$, and if you desaturate by 10%, it is $74, 3.765, 86.522$.

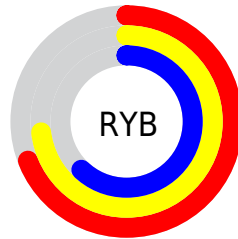
Distribution



Red (73%)

Green (69%)

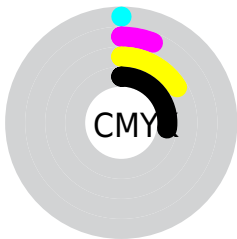
Blue (62%)



Red (69%)

Yellow (73%)

Blue (62%)

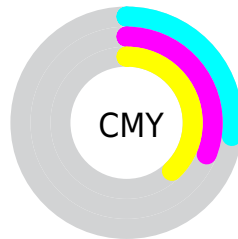


Cyan (0%)

Magenta (6%)

Yellow (16%)

Black (27%)



Cyan (27%)

Magenta (31%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 10.674, 85.281 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, 10.674, 85.281 by changing the saturation by 10% instead.

■ 72, 10.674, 85.281

■ 72, 10.674, 85.281

■ 100, 10.674,
85.281

■ 62, 10.674, 85.281

■ 92, 10.674, 85.281

■ 52, 10.674, 85.281

■ 42, 10.674, 85.281

■ 32, 10.674, 85.281

■ 22, 10.674, 85.281

■ 12, 10.674, 85.281

■ 2, 10.674, 85.281

■ 0, 10.674, 85.281

■ 72, 10.674, 85.281

■ 72, 10.674, 85.281

70, 17.771, 83.988

74, 3.765, 86.522

68, 25.043, 82.639

77, 2.962, 267.908

65, 32.452, 81.252

79, 9.517, 269.029

63, 39.909, 79.816

81, 15.913,
270.149

61, 47.230, 78.308

84, 22.164,
271.224

59, 54.069, 76.667

57, 59.838, 74.766

86, 21.727,
264.252

56, 63.776, 72.401

88, 19.727,
252.726

55, 65.225, 71.308

90, 18.649,
239.406

91, 18.627,
225.417

Harmonies

Complementary

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



72, 10.674, 85.281



69, 10.552, 269.458

Rectangle

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



72, 10.674, 85.281



72, 10.674, 135.281



72, 10.674, 265.281



72, 10.674, 315.281

Sweetspot

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



72, 10.675, 85.292



94, 4.177, 86.577



68, 12.701, 351.889



50, 2.876, 86.498



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



72, 10.675, 85.292



90, 16.207, 84.811



75, 15.625, 113.541



39, 3.891, 86.073



47, 57.763, 71.745



7, 10.633, 73.819

Inverse Universe

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



69, 10.552, 269.458



85, 15.964, 270.052



66, 16.174, 296.110



37, 3.871, 268.553



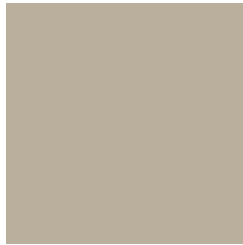
29, 62.615, 293.343



3, 12.953, 276.516

Previews

White Background



This preview shows how the CIELCh color 72, 10.674, 85.281 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, 10.674, 85.281 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

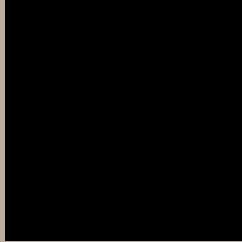
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

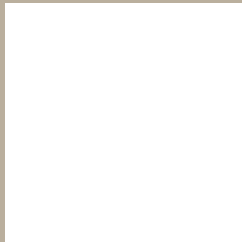
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 10.674, 85.281

Background



This preview shows how black text looks on a background with the CIELCh color 72, 10.674, 85.281.



This preview shows how white text looks on a background with the CIELCh color 72, 10.674, 85.281.

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, 10.674, 85.281

Protanopia

72, 10.238, 91.375

Deuteranopia

72, 13.634, 48.598



Tritanopia
72, 10.440, 333.462

Trichromacy



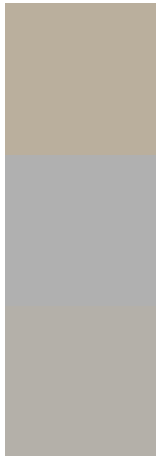
Original Color
72, 10.674, 85.281

Protanomaly
72, 10.365, 89.295

Deuteranomaly
72, 11.888, 59.453

Tritanomaly
72, 6.182, 9.773

Monochromacy



Original Color
72, 10.674, 85.281

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 4.078, 87.814

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 10.674, 85.281 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(186, 175, 157)` looks like.

```
.text, #text, p{  
    color:rgb(186, 175, 157)  
}
```

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(186, 175, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 175, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 10.674, 85.281 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(186, 175, 157) }
```

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

```
.border{ border-color:rgb(186, 175, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 175, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 175, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 175, 157);  
box-shadow:4px 4px 4px 4px rgb(186, 175,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 10.674, 85.281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 175, 157) }
```

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

```
.background{ background-color: rgb(186,  
175, 157) }
```

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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