

Converting Colors

CIELCh(72, 8.501, 330.423)

Have a look what the booklet for
CIELCh(72, 8.501, 330.423) contains.

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Color

CIELCh(72, 8.636, 330.987)

Conversions

Conversions Part 1

Format	Color
Hex	BBACB8
RGB	187, 172, 184
RGB Percent	73%, 67%, 72%
CMY	0.2657, 0.3246, 0.2775
CMYK	0.00, 0.08, 0.02, 0.27
HSL	312°, 10%, 70%
HSV	312°, 8%, 73%
XYZ	44.0249, 43.6590, 51.5839
YIQ	177.8530, 5.0880, 6.9120

Conversions

Conversions Part 2

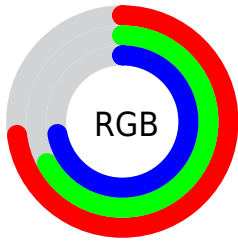
Format	Color
R _Y B	187, 172, 184
Decimal	12299448
CIE Lab	72.00, 7.55, -4.19
CIE LCh	72, 8.636, 330.987
Yxy	43.6590, 0.3161, 0.3135
Android (android.graphics.Color)	4290489528 (0xFFBBACB8)
YUV	177.8530, 3.0305, 8.0219
Hunter-Lab	66.0750, 3.3011, -0.0345

Details

The CIELCh color $72, 8.636, 330.987$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $75, 8.607, 150.053$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 8.840, 330.462$, and $52, 8.494, 331.640$ is the 20% darker color. If you saturate the color by 10%, you get $67, 19.517, 331.642$, and if you desaturate by 10%, it is $77, 2.113, 150.552$.

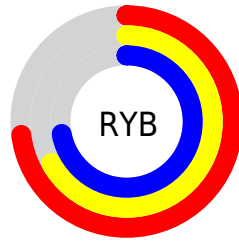
Distribution



Red (73%)

Green (67%)

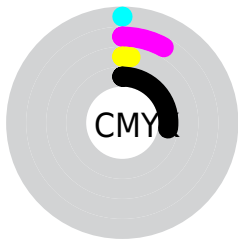
Blue (72%)



Red (73%)

Yellow (67%)

Blue (72%)

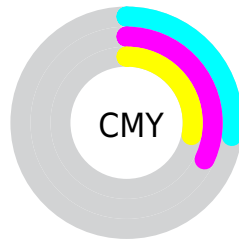


Cyan (0%)

Magenta (8%)

Yellow (2%)

Black (27%)



Cyan (27%)

Magenta (32%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 8.636, 330.987 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, 8.636, 330.987 by changing the saturation by 10% instead.

72, 8.636, 330.987

72, 8.636, 330.987

100, 8.636,
330.987

62, 8.636, 330.987

92, 8.636, 330.987

52, 8.636, 330.987

42, 8.636, 330.987

32, 8.636, 330.987

22, 8.636, 330.987

12, 8.636, 330.987

2, 8.636, 330.987

0, 8.636, 330.987

72, 8.636, 330.987

72, 8.636, 330.987

67, 19.517,
331.642

77, 2.113, 150.552

63, 30.384,
332.305

82, 12.631,
149.853

58, 41.008,
332.988

87, 22.869,
149.287

54, 51.069,
333.692

92, 32.804,
148.756

51, 60.152,
334.423

94, 36.022,
149.649

48, 67.780,
335.191

95, 34.555,
151.679

45, 73.488,
336.016

95, 33.126,
153.876

44, 76.954,
336.929

95, 31.739,
156.259

43, 78.271,

95, 30.401,
158.845

337.960

Harmonies

Complementary

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



72, 8.636, 330.987



75, 8.607, 150.053

Rectangle

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



72, 8.636, 330.987



72, 8.636, 20.987



72, 8.636, 150.987



72, 8.636, 200.987

Sweetspot

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



72, 8.634, 330.988



94, 2.650, 330.520



71, 8.289, 298.552



51, 1.519, 330.507



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, 8.634, 330.988



89, 13.304, 331.130



72, 6.192, 356.635



37, 6.151, 331.077



36, 69.351, 338.017



3, 17.624, 334.211

Inverse Universe

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



72, 8.634, 330.988



89, 13.304, 331.130



75, 6.050, 175.306



37, 6.151, 331.077



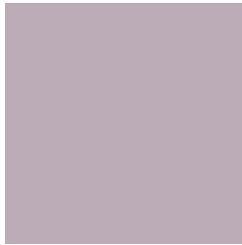
36, 69.351, 338.017



3, 17.624, 334.211

Previews

White Background



This preview shows how the CIELCh color 72, 8.636, 330.987 looks on a white background.

Color Contrast Check

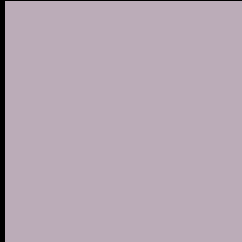
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 72, 8.636, 330.987 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

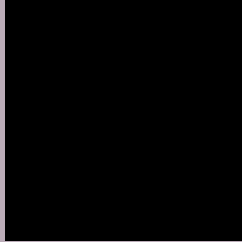
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

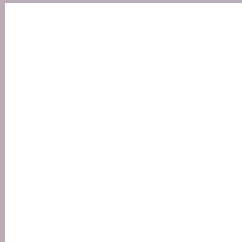
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 8.636, 330.987

Background



This preview shows how black text looks on a background with the CIELCh color 72, 8.636, 330.987.



This preview shows how white text looks on a background with the CIELCh color 72, 8.636, 330.987.

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, 8.636, 330.987

Protanopia

72, 6.054, 297.712

Deuteranopia

72, 10.055, 335.587



Tritanopia
72, 9.482, 326.706

Trichromacy



Original Color
72, 8.636, 330.987

Protanomaly
72, 6.561, 313.904

Deuteranomaly
72, 9.794, 334.002

Tritanomaly
72, 9.052, 328.744

Monochromacy



Original Color
72, 8.636, 330.987

Achromatopsia
73, 0.009, 296.813

Achromatomaly
72, 2.888, 330.598

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 8.636, 330.987 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(187, 172, 184)` looks like.

```
.text, #text, p{  
    color:rgb(187, 172, 184)  
}
```

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(187, 172, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 172, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 8.636, 330.987 is called "border". The border property can be set on classes, ids or directly on the HTML element.

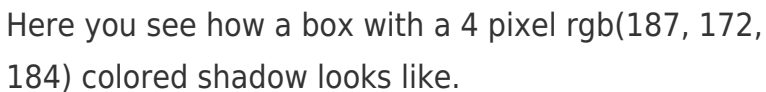
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 172, 184) }
```

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

```
.border{ border-color:rgb(187, 172, 184) }
```

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



Here you see how a box with a 4 pixel `rgb(187, 172, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 172, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 172, 184); box-shadow:4px 4px 4px 4px rgb(187, 172, 184) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 8.636, 330.987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 172, 184) }
```

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

```
.background{ background-color: rgb(187,  
172, 184) }
```

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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