

Converting Colors

CIELCh(72, 10.450, 324.972)

Have a look what the booklet for
CIELCh(72, 10.450, 324.972)
contains.

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Color

CIELCh(72, 10.577, 324.880)

Conversions

Conversions Part 1

Format	Color
Hex	BCACBC
RGB	188, 172, 188
RGB Percent	74%, 67%, 74%
CMY	0.2640, 0.3267, 0.2640
CMYK	0.00, 0.09, 0.00, 0.26
HSL	300°, 11%, 70%
HSV	300°, 9%, 74%
XYZ	44.4013, 43.6590, 53.4891
YIQ	178.6080, 4.4000, 8.3680

Conversions

Conversions Part 2

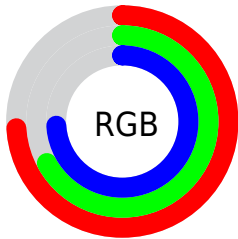
Format	Color
R _Y B	188, 172, 188
Decimal	12364988
CIE Lab	72.00, 8.65, -6.08
CIE LCh	72, 10.577, 324.880
Yxy	43.6590, 0.3137, 0.3084
Android (android.graphics.Color)	4290555068 (0xFFBCACBC)
YUV	178.6080, 4.6303, 8.2368
Hunter-Lab	66.0750, 4.3177, -1.7440

Details

The CIELCh color $72, 10.577, 324.880$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $75, 10.557, 143.971$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 10.693, 324.798$, and $52, 10.552, 325.011$ is the 20% darker color. If you saturate the color by 10%, you get $67, 23.083, 325.436$, and if you desaturate by 10%, it is $77, 1.812, 144.498$.

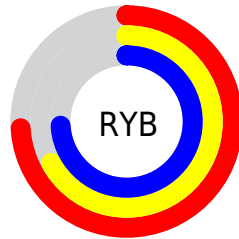
Distribution



Red (74%)

Green (67%)

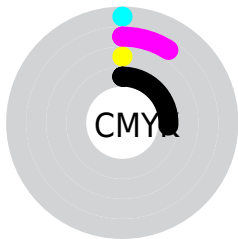
Blue (74%)



Red (74%)

Yellow (67%)

Blue (74%)

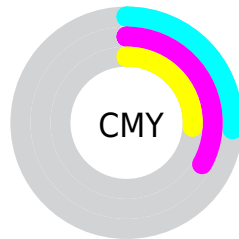


Cyan (0%)

Magenta (9%)

Yellow (0%)

Black (26%)



Cyan (26%)


Magenta (33%)


Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 10.577, 324.880 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, 10.577, 324.880 by changing the saturation by 10% instead.


 72, 10.577,
324.880


 72, 10.577,
324.880


 100, 10.577,
324.880


 62, 10.577,
324.880


 92, 10.577,
324.880

 52, 10.577,
324.880

 42, 10.577,
324.880

 32, 10.577,
324.880

 22, 10.577,
324.880

 12, 10.577,
324.880

 2, 10.577, 324.880

72, 10.577,
324.880

72, 10.577,
324.880

67, 23.083,
325.436

77, 1.812, 144.498

63, 35.529,
325.973

82, 13.958,
143.850

59, 47.645,
326.484

87, 25.790,
143.330

55, 59.075,
326.955

92, 37.271,
142.838

51, 69.382,
327.370

94, 42.187,
142.630

49, 78.091,
327.711

94, 42.187,
142.630

■ 47, 84.776,
327.968

■ 94, 42.187,
142.630

■ 45, 89.181,
328.134

■ 94, 42.186,
142.629

■ 45, 91.503,
328.221

■ 94, 42.186,
142.629

Harmonies

Complementary

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



72, 10.577, 324.880



75, 10.557, 143.971

Rectangle

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



72, 10.577, 324.880



72, 10.577, 14.880



72, 10.577, 144.880



72, 10.577, 194.880

Sweetspot

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



72, 10.575, 324.880



95, 4.608, 324.541



71, 8.599, 290.390



50, 3.492, 324.599



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, 10.575, 324.880



90, 15.415, 324.973



72, 7.531, 343.406



37, 7.068, 324.928



37, 80.849, 328.231



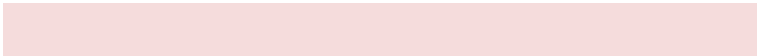
3, 21.490, 325.459

Inverse Universe

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



72, 6.111, 19.849



90, 8.957, 19.979



75, 7.450, 162.122



37, 4.096, 19.915



32, 72.802, 39.663



3, 12.251, 19.403

Previews

White Background



This preview shows how the CIELCh color 72, 10.577, 324.880 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, 10.577, 324.880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

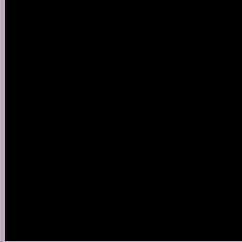
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 10.577, 324.880

Background



This preview shows how black text looks on a background with the CIELCh color 72, 10.577, 324.880.



This preview shows how white text looks on a background with the CIELCh color 72, 10.577, 324.880.

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, 10.577, 324.880

Protanopia

72, 8.191, 293.512

Deuteranopia

72, 11.453, 326.474



Tritanopia
72, 9.482, 326.706

Trichromacy



Original Color
72, 10.577, 324.880

Protanomaly
72, 8.498, 305.886

Deuteranomaly
72, 11.453, 326.474

Tritanomaly
72, 9.923, 324.852

Monochromacy



Original Color
72, 10.577, 324.880

Achromatopsia
73, 0.009, 296.813

Achromatomaly
72, 3.980, 324.560

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 10.577, 324.880 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(188, 172, 188)` looks like.

```
.text, #text, p{  
    color:rgb(188, 172, 188)  
}
```

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(188, 172, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 172, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 10.577, 324.880 is called "border". The border property can be set on classes, ids or directly on the HTML element.

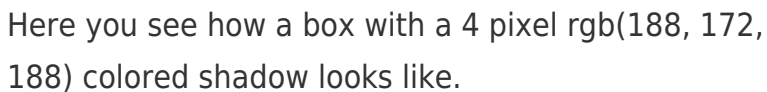
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(188, 172, 188) }
```

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

```
.border{ border-color:rgb(188, 172, 188) }
```

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



Here you see how a box with a 4 pixel `rgb(188, 172, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 172, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 172, 188);  
box-shadow:4px 4px 4px 4px rgb(188, 172,  
188) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 10.577, 324.880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 172, 188) }
```

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

```
.background{ background-color: rgb(188,  
172, 188) }
```

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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