

Converting Colors

CIELCh(72, 4.769, 12.930)

Have a look what the booklet for
CIELCh(72, 4.769, 12.930) contains.

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Color

CIELCh(72, 4.584, 12.902)

Conversions

Conversions Part 1

Format	Color
Hex	BAAEAF
RGB	186, 174, 175
RGB Percent	73%, 68%, 69%
CMY	0.2716, 0.3187, 0.3148
CMYK	0.00, 0.06, 0.06, 0.27
HSL	355°, 8%, 70%
HSV	355°, 6%, 73%
XYZ	42.9804, 43.6590, 46.5817
YIQ	177.7020, 6.8310, 2.8550

Conversions

Conversions Part 2

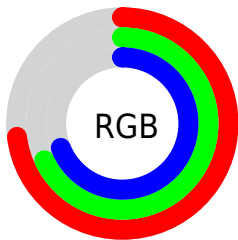
Format	Color
R _{YB}	186, 174, 175
Decimal	12234415
CIE Lab	72.00, 4.47, 1.02
CIE LCh	72, 4.584, 12.902
Yxy	43.6590, 0.3226, 0.3277
Android (android.graphics.Color)	4290424495 (0xFFBAAEAF)
YUV	177.7020, -1.3321, 7.2773
Hunter-Lab	66.0750, 0.4794, 4.4541

Details

The CIELCh color $72, 4.584, 12.902$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $74, 4.428, 192.170$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 4.706, 13.319$, and $52, 4.498, 12.449$ is the 20% darker color. If you saturate the color by 10%, you get $67, 12.077, 13.902$, and if you desaturate by 10%, it is $77, 2.425, 192.492$.

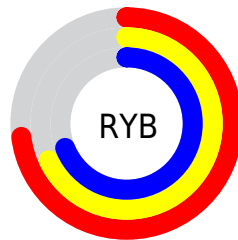
Distribution



Red (73%)

Green (68%)

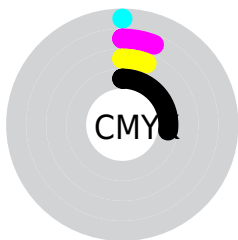
Blue (69%)



Red (73%)

Yellow (68%)

Blue (69%)

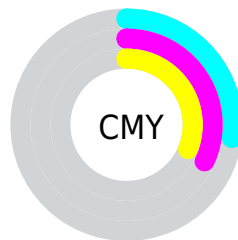


Cyan (0%)

Magenta (6%)

Yellow (6%)

Black (27%)



Cyan (27%)

Magenta (32%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 4.584, 12.902 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, 4.584, 12.902 by changing the saturation by 10% instead.

 72, 4.584, 12.902  72, 4.584, 12.902

 100, 4.584, 12.902  62, 4.584, 12.902

 92, 4.584, 12.902  52, 4.584, 12.902

 42, 4.584, 12.902

 32, 4.584, 12.902

 22, 4.584, 12.902

 12, 4.584, 12.902

 2, 4.584, 12.902

 0, 4.584, 12.902

 72, 4.584, 12.902  72, 4.584, 12.902

67, 12.077, 13.902

77, 2.425, 192.492

62, 20.054, 15.041

83, 8.969, 191.709

57, 28.464, 16.452

88, 15.085,
191.151

52, 37.193, 18.234

93, 20.815,
190.682

48, 46.047, 20.505

45, 54.758, 23.390

96, 22.347,
198.040

42, 63.027, 26.969

40, 70.561, 31.157

39, 76.951, 35.456

Harmonies

Complementary

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



72, 4.584, 12.902



74, 4.428, 192.170

Rectangle

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



72, 4.584, 12.902



72, 4.584, 62.902



72, 4.584, 192.902



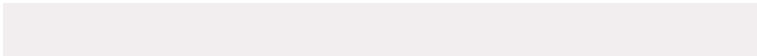
72, 4.584, 242.902

Sweetspot

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



72, 4.582, 12.922



94, 1.737, 12.325



72, 7.735, 322.467



51, 0.995, 12.298



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, 4.582, 12.922



90, 7.084, 13.085



73, 3.773, 65.113



36, 4.021, 13.200



32, 68.753, 36.093



2, 10.692, 14.362

Inverse Universe

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



72, 4.582, 12.922



90, 7.084, 13.085



73, 3.692, 246.726



36, 4.021, 13.200



32, 68.753, 36.093



2, 10.692, 14.362

Previews

White Background



This preview shows how the CIELCh color 72, 4.584, 12.902 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, 4.584, 12.902 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

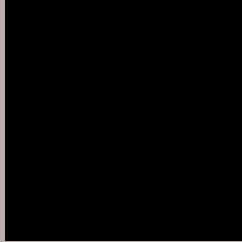
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

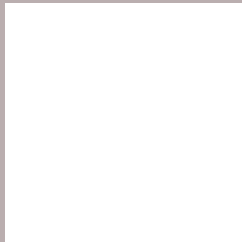
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 4.584, 12.902

Background



This preview shows how black text looks on a background with the CIELCh color 72, 4.584, 12.902.

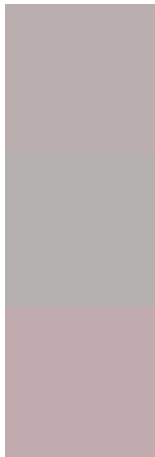


This preview shows how white text looks on a background with the CIELCh color 72, 4.584, 12.902.

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, 4.584, 12.902

Protanopia

72, 1.504, 19.199

Deuteranopia

72, 9.045, 6.310



Tritanopia
72, 9.482, 326.706

Trichromacy



Original Color
72, 4.584, 12.902

Protanomaly
72, 2.699, 7.847

Deuteranomaly
72, 7.420, 7.345

Tritanomaly
72, 7.200, 337.178

Monochromacy



Original Color
72, 4.584, 12.902

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 1.504, 19.199

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 4.584, 12.902 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, 174, 175)` looks like.

```
.text, #text, p{  
    color:rgb(186, 174, 175)  
}
```

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, 174, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 174, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 4.584, 12.902 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, 174, 175) }
```

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

```
.border{ border-color:rgb(186, 174, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 174, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 174, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 174, 175);  
box-shadow:4px 4px 4px 4px rgb(186, 174,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 4.584, 12.902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 174, 175) }
```

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

```
.background{ background-color: rgb(186,  
174, 175) }
```

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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