

Converting Colors

CIELCh(72, 2.526, 23.976)

Have a look what the booklet for
CIELCh(72, 2.526, 23.976) contains.

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Color

CIELCh(72, 2.642, 19.440)

Conversions

Conversions Part 1

Format	Color
Hex	B6AFAF
RGB	182, 175, 175
RGB Percent	71%, 69%, 69%
CMY	0.2866, 0.3140, 0.3140
CMYK	0.00, 0.04, 0.04, 0.29
HSL	0°, 5%, 70%
HSV	0°, 4%, 71%
XYZ	42.3196, 43.6590, 46.7155
YIQ	177.0930, 4.1720, 1.4840

Conversions

Conversions Part 2

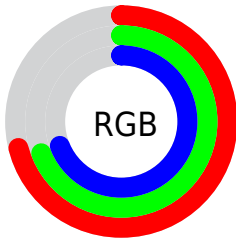
Format	Color
R_{YB}	182, 175, 175
Decimal	11972527
CIE _{Lab}	72.00, 2.49, 0.88
CIE _{LCh}	72, 2.642, 19.440
Yxy	43.6590, 0.3189, 0.3290
Android (android.graphics.Color)	4290162607 (0xFFB6AFAF)
YUV	177.0930, -1.0318, 4.3034
Hunter-Lab	66.0750, -1.3057, 4.3340

Details

The CIELCh color $72, 2.642, 19.440$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $73, 2.578, 199.432$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 2.554, 30.972$, and $52, 2.418, 19.511$ is the 20% darker color. If you saturate the color by 10%, you get $67, 9.881, 20.309$, and if you desaturate by 10%, it is $77, 4.059, 199.259$.

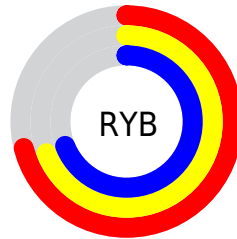
Distribution



Red (71%)

Green (69%)

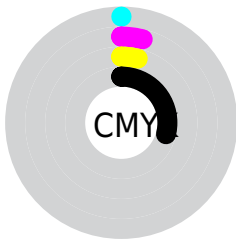
Blue (69%)



Red (71%)

Yellow (69%)

Blue (69%)

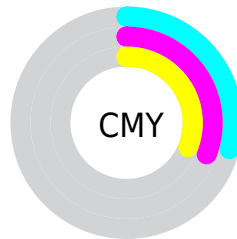


Cyan (0%)

Magenta (4%)

Yellow (4%)

Black (29%)



Cyan (29%)

Magenta (31%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 2.642, 19.440 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, 2.642, 19.440 by changing the saturation by 10% instead.

■ 72, 2.642, 19.440

■ 72, 2.642, 19.440

■ 100, 2.642, 19.440

■ 62, 2.642, 19.440

■ 92, 2.642, 19.440

■ 52, 2.642, 19.440

■ 42, 2.642, 19.440

■ 32, 2.642, 19.440

■ 22, 2.642, 19.440

■ 12, 2.642, 19.440

■ 2, 2.642, 19.440

■ 0, 2.642, 19.440

■ 72, 2.642, 19.440

■ 72, 2.642, 19.440

67, 9.881, 20.309

77, 4.059, 199.259

62, 17.688, 21.222

83, 10.261,
198.755

57, 26.052, 22.389

88, 16.017,
198.396

52, 34.907, 23.907

48, 44.112, 25.881

93, 21.378,
198.112

45, 53.435, 28.412

95, 23.440,
197.972

42, 62.554, 31.535

39, 70.985, 35.058

38, 77.727, 38.273

Harmonies

Complementary

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



72, 2.642, 19.440



73, 2.578, 199.432

Rectangle

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



72, 2.642, 19.440



72, 2.642, 69.440



72, 2.642, 199.440



72, 2.642, 249.440

Sweetspot

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



72, 2.641, 19.477



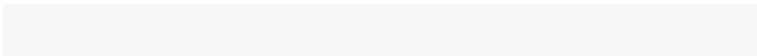
93, 0.843, 18.762



72, 4.644, 324.598



50, 0.483, 18.718



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



72, 2.641, 19.477



91, 4.277, 19.601



73, 2.294, 74.811



37, 2.366, 19.648



32, 71.864, 39.605



2, 10.634, 19.432

Inverse Universe

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



73, 2.578, 199.432



93, 4.144, 199.317



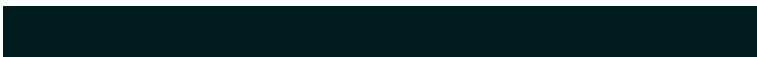
73, 2.285, 256.039



39, 2.286, 199.275



58, 34.622, 196.454



8, 10.511, 197.796

Previews

White Background



This preview shows how the CIELCh color 72, 2.642, 19.440 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, 2.642, 19.440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

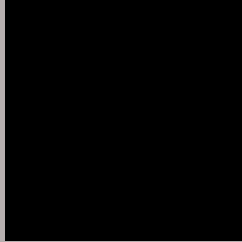
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

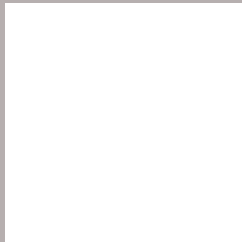
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 2.642, 19.440

Background



This preview shows how black text looks on a background with the CIELCh color 72, 2.642, 19.440.

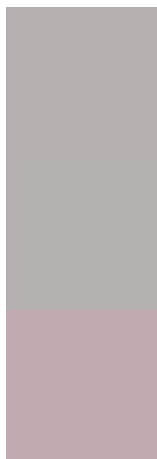


This preview shows how white text looks on a background with the CIELCh color 72, 2.642, 19.440.

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, 2.642, 19.440

Protanopia

72, 1.593, 39.106

Deuteranopia

72, 9.175, 3.014



Tritanopia
72, 8.684, 318.683

Trichromacy



Original Color
72, 2.642, 19.440

Protanomaly
72, 1.954, 35.407

Deuteranomaly
72, 7.179, 2.394

Tritanomaly
72, 5.967, 324.668

Monochromacy



Original Color
72, 2.642, 19.440

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 1.127, 19.055

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 2.642, 19.440 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(182, 175, 175)` looks like.

```
.text, #text, p{  
    color:rgb(182, 175, 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(182, 175, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 175, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 2.642, 19.440 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(182, 175, 175) }
```

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

```
.border{ border-color:rgb(182, 175, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 175, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 175, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 175, 175);  
box-shadow:4px 4px 4px 4px rgb(182, 175,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 2.642, 19.440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 175, 175) }
```

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

```
.background{ background-color: rgb(182,  
175, 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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