

Converting Colors

CIELCh(72, 4.890, 317.440)

Have a look what the booklet for
CIELCh(72, 4.890, 317.440) contains.

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Color

CIELCh(72, 4.920, 317.441)

Conversions

Conversions Part 1

Format	Color
Hex	B5AFB7
RGB	181, 175, 183
RGB Percent	71%, 69%, 72%
CMY	0.2919, 0.3154, 0.2841
CMYK	0.01, 0.04, 0.00, 0.28
HSL	285°, 5%, 70%
HSV	285°, 4%, 72%
XYZ	42.6974, 43.6590, 50.7341
YIQ	177.7060, 1.0080, 3.7600

Conversions

Conversions Part 2

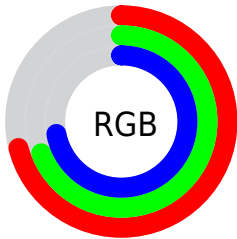
Format	Color
RYB	181, 175, 183
Decimal	11906999
CIELab	72.00, 3.62, -3.33
CIELCh	72, 4.920, 317.441
Yxy	43.6590, 0.3115, 0.3185
Android (android.graphics.Color)	4290097079 (0xFFB5AFB7)
YUV	177.7060, 2.6099, 2.8888
Hunter-Lab	66.0750, -0.2852, 0.7280




Details

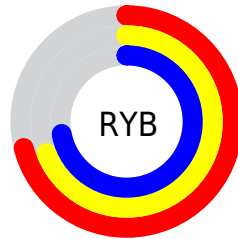
The CIELCh color **72, 4.920, 317.441** is a light color, and the websafe version is hex **999999**. A complement of this color would be **74, 4.890, 137.143**, and the grayscale version is **72, 0.009, 296.813**.




A 20% lighter version of the original color is **92, 4.677, 317.390**, and **52, 4.542, 316.370** is the 20% darker color. If you saturate the color by 10%, you get **67, 16.296, 317.891**, and if you desaturate by 10%, it is **77, 6.219, 137.094**.

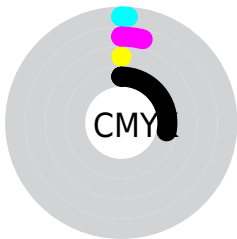
Distribution







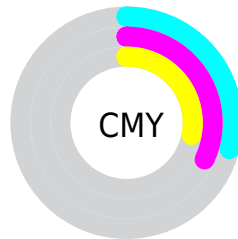
-  Red (71%)
-  Green (69%)
-  Blue (72%)






-  Red (71%)
-  Yellow (69%)
-  Blue (72%)



-  Cyan (1%)
-  Magenta (4%)
-  Yellow (0%)
-  Black (28%)



-  Cyan (29%)
-  Magenta (32%)
-  Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 4.920, 317.441 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, 4.920, 317.441 by changing the saturation by 10% instead.

■ 72, 4.920, 317.441

■ 72, 4.920, 317.441

■ 100, 4.920,
317.441

■ 62, 4.920, 317.441

■ 92, 4.920, 317.441

■ 52, 4.920, 317.441

■ 42, 4.920, 317.441

■ 32, 4.920, 317.441

■ 22, 4.920, 317.441

■ 12, 4.920, 317.441

■ 2, 4.920, 317.441

■ 0, 4.920, 317.441

■ 72, 4.920, 317.441

■ 72, 4.920, 317.441

67, 16.296,
317.891

77, 6.219, 137.094

62, 27.836,
318.331

82, 17.071,
136.690

57, 39.402,
318.759

88, 27.618,
136.327

52, 50.782,
319.155

93, 37.856,
135.995

48, 61.664,
319.489

95, 41.451,
134.751

44, 71.617,
319.719

95, 40.683,
132.790

41, 80.112,
319.795

96, 39.961,
130.728

38, 86.606,
319.664

96, 39.291,
128.565

36, 90.712,

96, 38.676,
126.304

Harmonies

Complementary

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



72, 4.920, 317.441



74, 4.890, 137.143

Rectangle

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



72, 4.920, 317.441



72, 4.920, 7.441



72, 4.920, 137.441



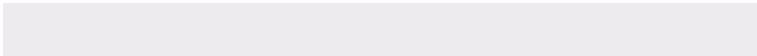
72, 4.920, 187.441

Sweetspot

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



72, 4.918, 317.438



93, 1.392, 317.176



72, 3.278, 276.673



50, 0.798, 317.165



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, 4.918, 317.438



91, 6.950, 317.473



72, 4.503, 331.930



37, 3.839, 317.498



30, 82.009, 319.097



2, 16.932, 314.244

Inverse Universe

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



72, 3.211, 359.767



91, 4.543, 359.854



73, 4.484, 151.509



37, 2.511, 359.915



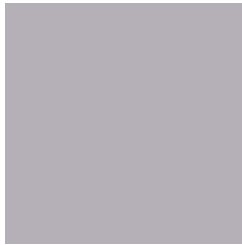
32, 61.909, 24.636



2, 11.044, 4.565

Previews

White Background



This preview shows how the CIELCh color 72, 4.920, 317.441 looks on a white background.

Color Contrast Check

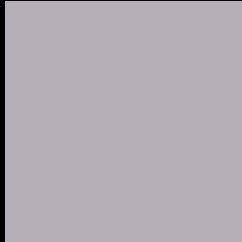
Large Text (above 18pt) WCAG AA × Fail

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, 4.920, 317.441 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

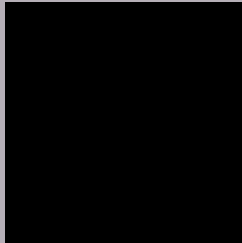
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

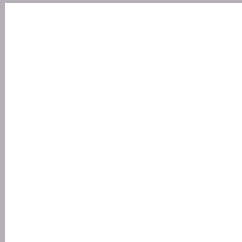
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 4.920, 317.441

Background



This preview shows how black text looks on a background with the CIELCh color 72, 4.920, 317.441.



This preview shows how white text looks on a background with the CIELCh color 72, 4.920, 317.441.

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, 4.920, 317.441

Protanopia

72, 4.517, 304.792

Deuteranopia

72, 9.686, 337.883



Tritanopia
72, 7.572, 310.679

Trichromacy



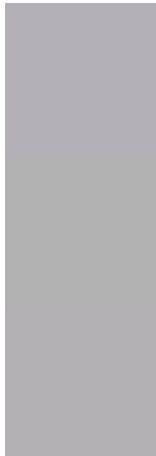
Original Color
72, 4.920, 317.441

Protanomaly
72, 4.626, 309.234

Deuteranomaly
72, 8.234, 333.458

Tritanomaly
72, 6.561, 313.904

Monochromacy



Original Color
72, 4.920, 317.441

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 1.811, 314.651

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 4.920, 317.441 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(181, 175, 183)` looks like.

```
.text, #text, p{  
    color:rgb(181, 175, 183)  
}
```

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(181, 175, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 175, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 4.920, 317.441 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(181, 175, 183) }
```

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

```
.border{ border-color:rgb(181, 175, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 175, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 175, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 175, 183);  
box-shadow:4px 4px 4px 4px rgb(181, 175,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 4.920, 317.441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 175, 183) }
```

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

```
.background{ background-color: rgb(181,  
175, 183) }
```

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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