

Converting Colors

CIELCh(71, 5.043, 290.955)

Have a look what the booklet for
CIELCh(71, 5.043, 290.955) contains.

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Color

CIELCh(71, 4.920, 290.675)

Conversions

Conversions Part 1

Format	Color
Hex	ADADB6
RGB	173, 173, 182
RGB Percent	68%, 68%, 71%
CMY	0.3213, 0.3213, 0.2860
CMYK	0.05, 0.05, 0.00, 0.29
HSL	240°, 6%, 70%
HSV	240°, 5%, 71%
XYZ	40.6578, 42.1875, 50.2950
YIQ	174.0260, -2.8890, 2.7990

Conversions

Conversions Part 2

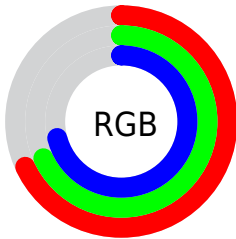
Format	Color
RYB	173, 173, 182
Decimal	11382198
CIELab	71.00, 1.74, -4.60
CIELCh	71, 4.920, 290.675
Yxy	42.1875, 0.3054, 0.3169
Android (android.graphics.Color)	4289572278 (0xFFADADB6)
YUV	174.0260, 3.9312, -0.8998
Hunter-Lab	64.9519, -1.9307, -0.4444

Details

The CIELCh color $71, 4.920, 290.675$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $74, 4.851, 109.687$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 5.194, 290.608$, and $51, 4.667, 290.784$ is the 20% darker color. If you saturate the color by 10%, you get $65, 15.151, 291.764$, and if you desaturate by 10%, it is $77, 4.917, 109.697$.

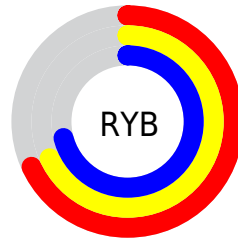
Distribution



Red (68%)

Green (68%)

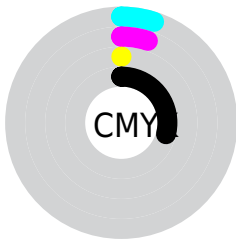
Blue (71%)



Red (68%)

Yellow (68%)

Blue (71%)

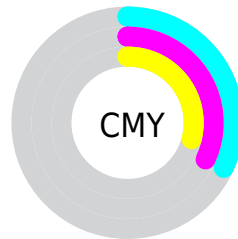


Cyan (5%)

Magenta (5%)

Yellow (0%)

Black (29%)



Cyan (32%)

Magenta (32%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 4.920, 290.675 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 71, 4.920, 290.675 by changing the saturation by 10% instead.

■ 71, 4.920, 290.675

■ 71, 4.920, 290.675

■ 100, 4.920,
290.675

■ 61, 4.920, 290.675

■ 91, 4.920, 290.675

■ 51, 4.920, 290.675

■ 41, 4.920, 290.675

■ 31, 4.920, 290.675

■ 21, 4.920, 290.675

■ 11, 4.920, 290.675

■ 1, 4.920, 290.675

■ 0, 4.920, 290.675

■ 71, 4.920, 290.675

■ 71, 4.920, 290.675

65, 15.151,
291.764

77, 4.917, 109.697

58, 25.814,
293.069

83, 14.386,
108.904

52, 36.935,
294.601

89, 23.514,
108.221

46, 48.525,
296.377

95, 32.325,
107.635

40, 60.528,
298.388

98, 36.626,
107.386

34, 72.715,
300.561

29, 84.474,
302.726

25, 94.582,
304.592

22, 101.360,

305.828

Harmonies

Complementary

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



71, 4.920, 290.675



74, 4.851, 109.687

Rectangle

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



71, 4.920, 290.675



71, 4.920, 340.675



71, 4.920, 110.675



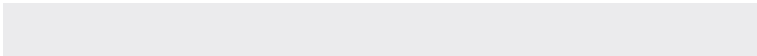
71, 4.920, 160.675

Sweetspot

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



71, 4.918, 290.663



93, 1.233, 290.322



73, 3.311, 197.881



50, 0.707, 290.320



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



71, 4.918, 290.663



89, 7.415, 290.780



71, 5.194, 308.681



37, 3.984, 290.825



17, 92.490, 306.283



1, 15.382, 290.289

Inverse Universe

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



71, 3.411, 19.528



90, 5.155, 19.631



74, 5.144, 128.289



37, 2.772, 19.667



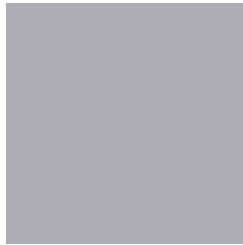
32, 71.859, 39.587



2, 10.638, 19.387

Previews

White Background



This preview shows how the CIE LCh color 71, 4.920, 290.675 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 71, 4.920, 290.675 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

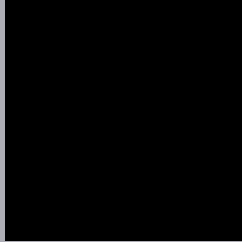
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

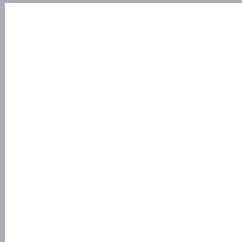
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 4.920, 290.675

Background



This preview shows how black text looks on a background with the CIELCh color 71, 4.920, 290.675.



This preview shows how white text looks on a background with the CIELCh color 71, 4.920, 290.675.

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


71, 4.920, 290.675

Protanopia

71, 4.939, 294.944

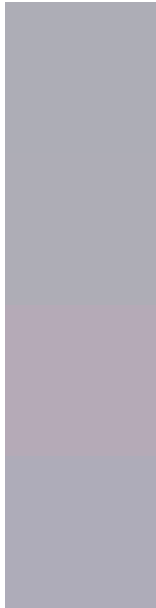
Deuteranopia

71, 9.969, 330.243



Tritanopia
71, 7.702, 296.364

Trichromacy



Original Color
71, 4.920, 290.675

Protanomaly
71, 4.939, 294.944

Deuteranomaly
71, 8.235, 320.470

Tritanomaly
71, 7.159, 296.739

Monochromacy



Original Color
71, 4.920, 290.675

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 1.644, 290.375

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 4.920, 290.675 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(173, 173, 182)` looks like.

```
.text, #text, p{  
    color:rgb(173, 173, 182)  
}
```

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(173, 173, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 173, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 4.920, 290.675 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(173, 173, 182) }
```

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

```
.border{ border-color:rgb(173, 173, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 173, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 173, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 173, 182);  
box-shadow:4px 4px 4px 4px rgb(173, 173,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 4.920, 290.675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 173, 182) }
```

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

```
.background{ background-color: rgb(173,  
173, 182) }
```

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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