

Converting Colors

CIELCh(72, 21.272, 292.225)

Have a look what the booklet for
CIELCh(72, 21.272, 292.225)
contains.

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Color

CIELCh(72, 21.272, 292.225)

Conversions

Conversions Part 1

Format	Color
Hex	ADADD4
RGB	173, 173, 212
RGB Percent	68%, 68%, 83%
CMY	0.3206, 0.3206, 0.1676
CMYK	0.18, 0.18, 0.00, 0.17
HSL	240°, 31%, 76%
HSV	240°, 18%, 83%
XYZ	44.1937, 43.6590, 68.5523
YIQ	177.4460, -12.5190, 12.1290

Conversions

Conversions Part 2

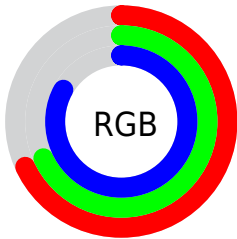
Format	Color
RYB	173, 173, 212
Decimal	11382228
CIELab	72.00, 8.05, -19.69
CIELCh	72, 21.272, 292.225
Yxy	43.6590, 0.2826, 0.2791
Android (android.graphics.Color)	4289572308 (0xFFADADD4)
YUV	177.4460, 17.0351, -3.8991
Hunter-Lab	66.0750, 3.7571, -15.2605

Details

The CIELCh color $72, 21.272, 292.225$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $84, 20.391, 108.403$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 14.013, 292.682$, and $52, 20.935, 291.803$ is the 20% darker color. If you saturate the color by 10%, you get $65, 33.541, 293.623$, and if you desaturate by 10%, it is $79, 9.505, 291.039$.

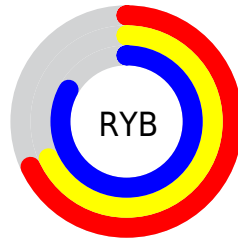
Distribution



Red (68%)

Green (68%)

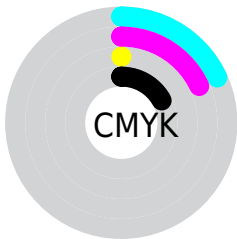
Blue (83%)



Red (68%)

Yellow (68%)

Blue (83%)

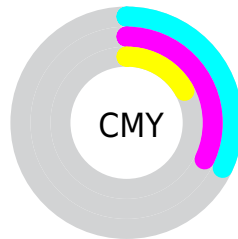


Cyan (18%)

Magenta (18%)

Yellow (0%)

Black (17%)



Cyan (32%)


Magenta (32%)


Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 21.272, 292.225 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, 21.272, 292.225 by changing the saturation by 10% instead.


 72, 21.272,
292.225


 72, 21.272,
292.225


 100, 21.272,
292.225


 62, 21.272,
292.225


 92, 21.272,
292.225

 52, 21.272,
292.225

 42, 21.272,
292.225

 32, 21.272,
292.225

 22, 21.272,
292.225

 12, 21.272,
292.225

 2, 21.272, 292.225

0, 21.272, 292.225

72, 21.272,
292.225

72, 21.272,
292.225

65, 33.541,
293.623

79, 9.505, 291.039

58, 46.346,
295.262

86, 1.793, 109.988

51, 59.676,
297.152

93, 12.659,
109.166

44, 73.409,
299.261

99, 21.597,
108.542

38, 87.137,
301.480

32, 99.886,
303.581

■ 29, 109.939,
305.227

■ 26, 115.743,
306.164

■ 26, 116.517,
306.287

Harmonies

Complementary

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



72, 21.272, 292.225



84, 20.391, 108.403

Rectangle

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



72, 21.272, 292.225



72, 21.272, 342.225



72, 21.272, 112.225



72, 21.272, 162.225

Sweetspot

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



72, 21.270, 292.223



95, 7.867, 290.794



82, 13.436, 198.479



50, 5.224, 290.863



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



72, 21.270, 292.223



82, 29.788, 292.736



74, 22.360, 309.919



41, 6.500, 291.154



20, 99.123, 306.287



2, 27.577, 294.042

Inverse Universe

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



75, 25.315, 325.437



87, 35.186, 325.648



83, 21.807, 128.239



42, 7.847, 324.937



41, 85.606, 328.233



6, 32.951, 328.043

Previews

White Background



This preview shows how the CIELCh color 72, 21.272, 292.225 looks on a white background.

Color Contrast Check

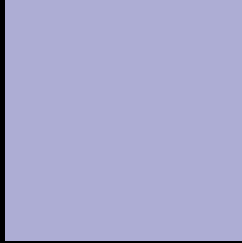
Large Text (above 18pt) WCAG AA × Fail

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, 21.272, 292.225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

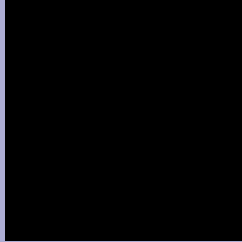
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 21.272, 292.225

Background



This preview shows how black text looks on a background with the CIELCh color 72, 21.272, 292.225.



This preview shows how white text looks on a background with the CIELCh color 72, 21.272, 292.225.

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

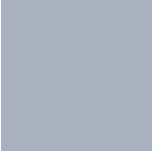
72, 21.272, 292.225

Protanopia

72, 20.774, 285.636

Deuteranopia

72, 21.900, 295.858



Tritanopia
72, 8.085, 270.193

Trichromacy



Original Color
72, 21.272, 292.225

Protanomaly
72, 21.269, 288.574

Deuteranomaly
72, 21.877, 294.963

Tritanomaly
72, 12.611, 283.379

Monochromacy



Original Color
72, 21.272, 292.225

Achromatopsia
73, 0.009, 296.813

Achromatomaly
72, 7.625, 290.925

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 21.272, 292.225 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, 212)` looks like.

```
.text, #text, p{  
    color:rgb(173, 173, 212)  
}
```

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, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 173, 212) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 21.272, 292.225 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, 212) }
```

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

```
.border{ border-color:rgb(173, 173, 212) }
```

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, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 173, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 173, 212);  
box-shadow:4px 4px 4px 4px rgb(173, 173,  
212) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 21.272, 292.225 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, 212) }
```

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

```
.background{ background-color: rgb(173,  
173, 212) }
```

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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