

Converting Colors

CIELCh(72, 28.012, 292.128)

Have a look what the booklet for
CIELCh(72, 28.012, 292.128)
contains.

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Color

CIELCh(72, 28.356, 292.221)

Conversions

Conversions Part 1

Format	Color
Hex	ABACE0
RGB	171, 172, 224
RGB Percent	67%, 67%, 88%
CMY	0.3286, 0.3247, 0.1207
CMYK	0.24, 0.23, 0.00, 0.12
HSL	239°, 46%, 78%
HSV	239°, 24%, 88%
XYZ	45.1165, 43.6590, 76.7258
YIQ	177.6290, -17.2880, 15.9600

Conversions

Conversions Part 2

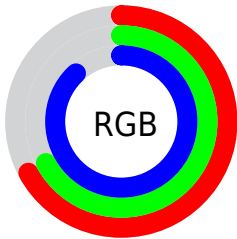
Format	Color
R _Y B	171, 172, 224
Decimal	11250912
CIE Lab	72.00, 10.72, -26.25
CIE LCh	72, 28.356, 292.221
Yxy	43.6590, 0.2726, 0.2638
Android (android.graphics.Color)	4289440992 (0xFFABACE0)
YUV	177.6290, 22.8609, -5.8136
Hunter-Lab	66.0750, 6.2501, -22.5946

Details

The CIELCh color $72, 28.356, 292.221$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $88, 26.874, 107.091$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 14.534, 291.341$, and $52, 28.478, 292.310$ is the 20% darker color. If you saturate the color by 10%, you get $65, 41.206, 293.767$, and if you desaturate by 10%, it is $79, 16.032, 290.906$.

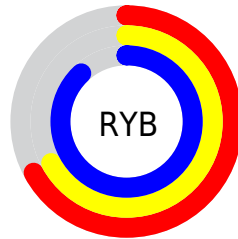
Distribution



Red (67%)

Green (67%)

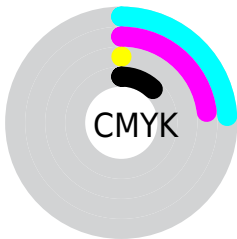
Blue (88%)



Red (67%)

Yellow (67%)

Blue (88%)

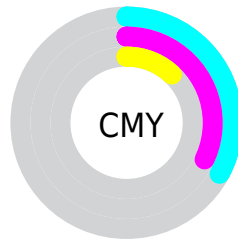


Cyan (24%)

Magenta (23%)

Yellow (0%)

Black (12%)



Cyan (33%)


Magenta (32%)


Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 28.356, 292.221 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, 28.356, 292.221 by changing the saturation by 10% instead.


 72, 28.356,
292.221


 72, 28.356,
292.221


 100, 28.356,
292.221


 62, 28.356,
292.221


 92, 28.356,
292.221

 52, 28.356,
292.221

 42, 28.356,
292.221

 32, 28.356,
292.221

 22, 28.356,
292.221

 12, 28.356,
292.221

 2, 28.356, 292.221

■ 0, 28.356, 292.221

■ 72, 28.356,
292.221

■ 72, 28.356,
292.221

■ 65, 41.206,
293.767

■ 79, 16.032,
290.906

■ 57, 54.607,
295.569

■ 87, 4.203, 289.803

■ 50, 68.515,
297.622

■ 94, 7.173, 108.827

■ 99, 15.571,
109.001

■ 44, 82.715,
299.866

■ 37, 96.588,
302.142

■ 33, 108.824,
304.170

■ 29, 117.482,
305.604

■ 28, 120.633,
306.109

Harmonies

Complementary

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



72, 28.356, 292.221



88, 26.874, 107.091

Rectangle

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



72, 28.356, 292.221



72, 28.356, 342.221



72, 28.356, 112.221



72, 28.356, 162.221

Sweetspot

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



72, 28.354, 292.220



94, 9.019, 290.154



86, 17.876, 195.205



50, 5.866, 290.220



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, 28.354, 292.220



77, 37.633, 292.895



74, 30.119, 309.070



43, 6.624, 290.417



21, 100.420, 306.047



2, 31.219, 295.454

Inverse Universe

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



75, 20.757, 19.742



81, 27.749, 20.267



86, 29.081, 126.781



44, 4.727, 18.410



36, 78.287, 39.182



6, 25.495, 20.150

Previews

White Background



This preview shows how the CIELCh color 72, 28.356, 292.221 looks on a white background.

Color Contrast Check

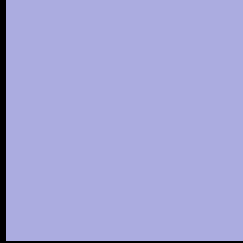
Large Text (above 18pt) WCAG AA × Fail

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, 28.356, 292.221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

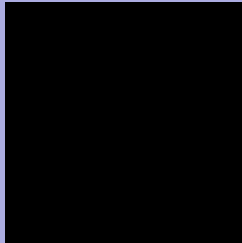
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 28.356, 292.221

Background



This preview shows how black text looks on a background with the CIELCh color 72, 28.356, 292.221.



This preview shows how white text looks on a background with the CIELCh color 72, 28.356, 292.221.

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, 28.356, 292.221

Protanopia

72, 28.450, 285.707

Deuteranopia

72, 27.796, 290.126



Tritanopia
72, 8.813, 259.348

Trichromacy



Original Color
72, 28.356, 292.221

Protanomaly
72, 28.379, 288.284

Deuteranomaly
72, 27.789, 290.796

Tritanomaly
72, 15.488, 280.082

Monochromacy



Original Color
72, 28.356, 292.221

Achromatopsia
73, 0.009, 296.813

Achromatomaly
72, 10.345, 291.183

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 28.356, 292.221 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(171, 172, 224)` looks like.

```
.text, #text, p{  
    color:rgb(171, 172, 224)  
}
```

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(171, 172, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 172, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 28.356, 292.221 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(171, 172, 224) }
```

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

```
.border{ border-color:rgb(171, 172, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 172, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 172, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 172, 224);  
box-shadow:4px 4px 4px 4px rgb(171, 172,  
224) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 28.356, 292.221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 172, 224) }
```

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

```
.background{ background-color: rgb(171,  
172, 224) }
```

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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