

Converting Colors

CIELCh(72, 28.010, 282.900)

Have a look what the booklet for
CIELCh(72, 28.010, 282.900)
contains.

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Color

CIELCh(72, 28.038, 282.921)

Conversions

Conversions Part 1

Format	Color
Hex	A0AFE2
RGB	160, 175, 226
RGB Percent	63%, 69%, 89%
CMY	0.3723, 0.3135, 0.1135
CMYK	0.29, 0.23, 0.00, 0.11
HSL	226°, 53%, 76%
HSV	226°, 29%, 89%
XYZ	43.5884, 43.6590, 78.1284
YIQ	176.3290, -25.3110, 12.6810

Conversions

Conversions Part 2

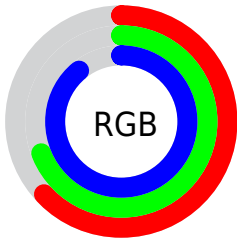
Format	Color
RYB	160, 172, 226
Decimal	10530786
CIELab	72.00, 6.27, -27.33
CIELCh	72, 28.038, 282.921
Yxy	43.6590, 0.2636, 0.2640
Android (android.graphics.Color)	4288720866 (0xFFA0AFE2)
YUV	176.3290, 24.4878, -14.3205
Hunter-Lab	66.0750, 2.1220, -23.8532

Details

The CIELCh color `72, 28.038, 282.921` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `85, 27.291, 95.212`, and the grayscale version is `72, 0.009, 296.813`.

A 20% lighter version of the original color is `91, 13.675, 271.182`, and `52, 28.142, 282.958` is the 20% darker color. If you saturate the color by 10%, you get `66, 38.194, 284.856`, and if you desaturate by 10%, it is `78, 18.179, 281.266`.

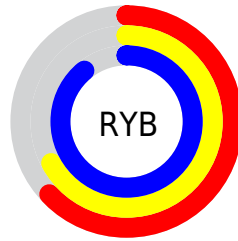
Distribution



Red (63%)

Green (69%)

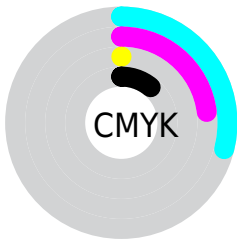
Blue (89%)



Red (63%)

Yellow (67%)

Blue (89%)

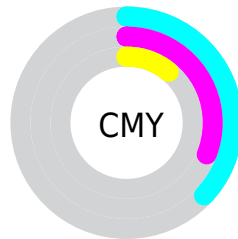


Cyan (29%)

Magenta (23%)

Yellow (0%)

Black (11%)



Cyan (37%)

Magenta (31%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 28.038, 282.921 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, 28.038, 282.921 by changing the saturation by 10% instead.

■ 72, 28.038,
282.921

■ 72, 28.038,
282.921

■ 100, 28.038,
282.921

■ 62, 28.038,
282.921

■ 92, 28.038,
282.921

■ 52, 28.038,
282.921

■ 42, 28.038,
282.921

■ 32, 28.038,
282.921

■ 22, 28.038,
282.921

■ 12, 28.038,
282.921

■ 2, 28.038, 282.921

0, 28.038, 282.921

72, 28.038,
282.921

72, 28.038,
282.921

66, 38.194,
284.856

78, 18.179,
281.266

60, 48.685,
287.107

84, 8.597, 279.861

54, 59.537,
289.689

90, 0.731, 98.364

96, 9.819, 97.557

48, 70.746,
292.578

99, 14.639,
109.071

43, 82.195,
295.678

38, 93.529,
298.803

■ 34, 104.034,
301.655

■ 34, 104.821,
301.855

Harmonies

Complementary

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



72, 28.038, 282.921



85, 27.291, 95.212

Rectangle

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



72, 28.038, 282.921



72, 28.038, 332.921



72, 28.038, 102.921



72, 28.038, 152.921

Sweetspot

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



72, 28.037, 282.920



94, 9.276, 279.843



85, 23.969, 177.946



49, 6.457, 280.034



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, 28.037, 282.920



76, 37.385, 284.053



70, 36.844, 302.662



44, 5.278, 279.892



26, 85.612, 301.388



4, 26.712, 290.515

Inverse Universe

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



73, 26.698, 4.454



77, 35.668, 5.375



87, 34.660, 118.749



44, 4.937, 2.026



37, 69.019, 27.116



6, 25.284, 11.288

Previews

White Background



This preview shows how the CIELCh color 72, 28.038, 282.921 looks on a white background.

Color Contrast Check

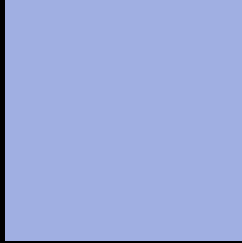
Large Text (above 18pt) WCAG AA × Fail

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, 28.038, 282.921 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

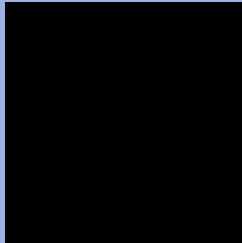
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 28.038, 282.921

Background



This preview shows how black text looks on a background with the CIELCh color 72, 28.038, 282.921.



This preview shows how white text looks on a background with the CIELCh color 72, 28.038, 282.921.

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, 28.038, 282.921

Protanopia

72, 27.913, 285.499

Deuteranopia

72, 28.902, 289.064



Tritanopia
72, 11.877, 238.939

Trichromacy



Original Color
72, 28.038, 282.921

Protanomaly
72, 27.947, 284.854

Deuteranomaly
72, 28.420, 286.342

Tritanomaly
72, 16.392, 263.298

Monochromacy



Original Color
72, 28.038, 282.921

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 9.992, 278.808

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 28.038, 282.921 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(160, 175, 226)` looks like.

```
.text, #text, p{  
    color:rgb(160, 175, 226)  
}
```

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(160, 175, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 175, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 28.038, 282.921 is called "border". The border property can be set on classes, ids or directly on the HTML element.

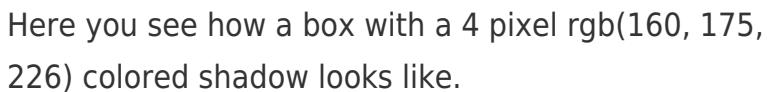
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(160, 175, 226) }
```

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

```
.border{ border-color:rgb(160, 175, 226) }
```

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



Here you see how a box with a 4 pixel `rgb(160, 175, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 175, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 175, 226);  
box-shadow:4px 4px 4px 4px rgb(160, 175,  
226) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 28.038, 282.921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 175, 226) }
```

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

```
.background{ background-color: rgb(160,  
175, 226) }
```

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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