

Converting Colors

CIELCh(72, 28.618, 276.432)

Have a look what the booklet for
CIELCh(72, 28.618, 276.432)
contains.

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Color

CIELCh(72, 28.637, 276.207)

Conversions

Conversions Part 1

Format	Color
Hex	97B1E4
RGB	151, 177, 228
RGB Percent	59%, 69%, 89%
CMY	0.4076, 0.3056, 0.1056
CMYK	0.34, 0.22, 0.00, 0.11
HSL	220°, 59%, 74%
HSV	220°, 34%, 89%
XYZ	42.5211, 43.6590, 79.6317
YIQ	175.0400, -31.8670, 10.3490

Conversions

Conversions Part 2

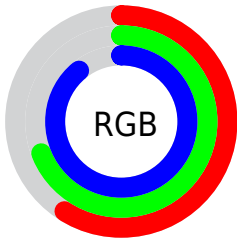
Format	Color
RYB	151, 170, 228
Decimal	9941476
CIELab	72.00, 3.10, -28.47
CIELCh	72, 28.637, 276.207
Yxy	43.6590, 0.2564, 0.2633
Android (android.graphics.Color)	4288131556 (0xFF97B1E4)
YUV	175.0400, 26.1093, -21.0831
Hunter-Lab	66.0750, -0.7614, -25.2021

Details

The CIELCh color `72, 28.637, 276.207` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `82, 28.893, 86.381`, and the grayscale version is `71, 0.009, 296.813`.

A 20% lighter version of the original color is `91, 14.084, 253.391`, and `52, 28.257, 275.358` is the 20% darker color. If you saturate the color by 10%, you get `67, 37.421, 278.443`, and if you desaturate by 10%, it is `77, 19.999, 274.297`.

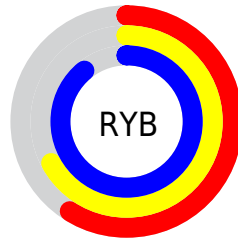
Distribution



Red (59%)

Green (69%)

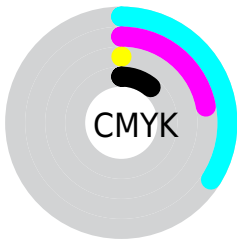
Blue (89%)



Red (59%)

Yellow (67%)

Blue (89%)

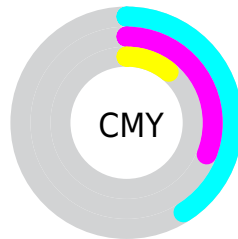


Cyan (34%)

Magenta (22%)

Yellow (0%)

Black (11%)



Cyan (41%)

Magenta (31%)

Yellow (11%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 28.637, 276.207 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, 28.637, 276.207 by changing the saturation by 10% instead.

 72, 28.637,
276.207

 72, 28.637,
276.207

 100, 28.637,
276.207

 62, 28.637,
276.207


 92, 28.637,
276.207

 52, 28.637,
276.207

 42, 28.637,
276.207

 32, 28.637,
276.207

 22, 28.637,
276.207

 12, 28.637,
276.207

 2, 28.637, 276.207

0, 28.637, 276.207

72, 28.637,
276.207

72, 28.637,
276.207

67, 37.421,
278.443

77, 19.999,
274.297

61, 46.382,
281.046

83, 11.497,
272.673

56, 55.557,
284.033

89, 3.125, 271.337

51, 64.985,
287.378

94, 5.117, 89.994

46, 74.665,
290.987

99, 12.459,
105.207

42, 84.484,
294.678

99, 13.630,
109.148

■ 39, 90.568,
296.860

Harmonies

Complementary

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



72, 28.637, 276.207



82, 28.893, 86.381

Rectangle

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



72, 28.637, 276.207



72, 28.637, 326.207



72, 28.637, 96.207



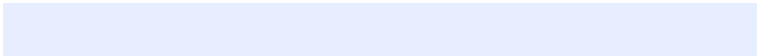
72, 28.637, 146.207

Sweetspot

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



72, 28.636, 276.206



94, 9.123, 272.139



85, 30.044, 169.178



49, 6.230, 272.338



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, 28.636, 276.206



75, 38.301, 277.849



66, 42.958, 299.267



45, 4.755, 272.055



31, 74.139, 296.265



6, 25.336, 287.568

Inverse Universe

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



71, 32.476, 357.206



74, 43.372, 358.378



88, 39.638, 113.528



45, 5.298, 354.240



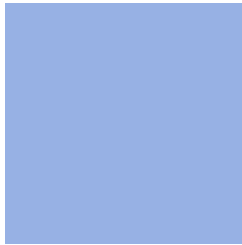
38, 65.983, 17.486



7, 26.713, 6.313

Previews

White Background



This preview shows how the CIELCh color 72, 28.637, 276.207 looks on a white background.

Color Contrast Check

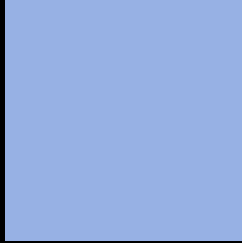
Large Text (above 18pt) WCAG AA × Fail

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, 28.637, 276.207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

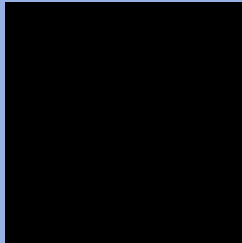
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

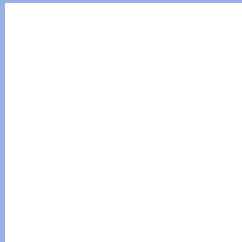
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 28.637, 276.207

Background



This preview shows how black text looks on a background with the CIELCh color 72, 28.637, 276.207.



This preview shows how white text looks on a background with the CIELCh color 72, 28.637, 276.207.

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, 28.637, 276.207

Protanopia

72, 28.450, 285.707

Deuteranopia

72, 30.556, 288.260



Tritanopia
72, 15.011, 229.219

Trichromacy



Original Color
72, 28.637, 276.207

Protanomaly
72, 28.614, 282.568

Deuteranomaly
72, 30.158, 284.529

Tritanomaly
72, 18.156, 253.291

Monochromacy



Original Color
72, 28.637, 276.207

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 10.350, 271.166

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 28.637, 276.207 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(151, 177, 228)` looks like.

```
.text, #text, p{  
    color:rgb(151, 177, 228)  
}
```

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(151, 177, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 177, 228) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 28.637, 276.207 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(151, 177, 228) }
```

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

```
.border{ border-color:rgb(151, 177, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 177, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 177, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 177, 228);  
box-shadow:4px 4px 4px 4px rgb(151, 177,  
228) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 28.637, 276.207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 177, 228) }
```

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

```
.background{ background-color: rgb(151,  
177, 228) }
```

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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