

Converting Colors

CIELCh(72, 28.820, 279.706)

Have a look what the booklet for
CIELCh(72, 28.820, 279.706)
contains.

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Color

CIELCh(72, 28.850, 279.529)

Conversions

Conversions Part 1

Format	Color
Hex	9BB0E4
RGB	155, 176, 228
RGB Percent	61%, 69%, 89%
CMY	0.3919, 0.3095, 0.1056
CMYK	0.32, 0.23, 0.00, 0.11
HSL	223°, 58%, 75%
HSV	223°, 32%, 89%
XYZ	43.0839, 43.6590, 79.6089
YIQ	175.6490, -29.2080, 11.7200

Conversions

Conversions Part 2

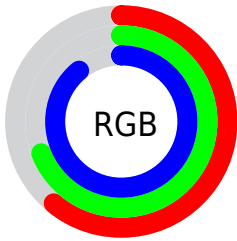
Format	Color
RYB	155, 171, 228
Decimal	10203364
CIELab	72.00, 4.78, -28.45
CIELCh	72, 28.850, 279.529
Yxy	43.6590, 0.2590, 0.2624
Android (android.graphics.Color)	4288393444 (0xFF9BB0E4)
YUV	175.6490, 25.8090, -18.1092
Hunter-Lab	66.0750, 0.7590, -25.1817

Details

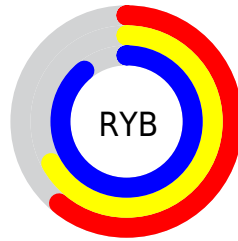
The CIELCh color `72, 28.850, 279.529` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `84, 28.545, 90.563`, and the grayscale version is `72, 0.009, 296.813`.

A 20% lighter version of the original color is `91, 13.951, 262.686`, and `52, 28.427, 279.296` is the 20% darker color. If you saturate the color by 10%, you get `66, 38.300, 281.636`, and if you desaturate by 10%, it is `78, 19.621, 277.726`.

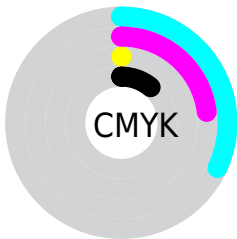
Distribution



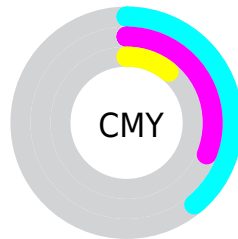
- Red (61%)
- Green (69%)
- Blue (89%)



- Red (61%)
- Yellow (67%)
- Blue (89%)



- Cyan (32%)
- Magenta (23%)
- Yellow (0%)
- Black (11%)





- Cyan (39%)
- Magenta (31%)
- Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 28.850, 279.529 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, 28.850, 279.529 by changing the saturation by 10% instead.


 72, 28.850,
279.529


 72, 28.850,
279.529


 100, 28.850,
279.529


 62, 28.850,
279.529


 92, 28.850,
279.529

 52, 28.850,
279.529

 42, 28.850,
279.529

 32, 28.850,
279.529

 22, 28.850,
279.529

 12, 28.850,
279.529

 2, 28.850, 279.529

■ 0, 28.850, 279.529

■ 72, 28.850,
279.529

■ 72, 28.850,
279.529

■ 66, 38.300,
281.636

■ 78, 19.621,
277.726

■ 61, 48.004,
284.087

■ 84, 10.596,
276.193

■ 55, 57.996,
286.896

■ 89, 1.761, 274.979

■ 50, 68.297,
290.037

■ 95, 6.890, 93.673

■ 45, 78.855,
293.414

■ 99, 13.625,
109.148

■ 40, 89.450,
296.842

■ 37, 97.645,
299.399

Harmonies

Complementary

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



72, 28.850, 279.529



84, 28.545, 90.563

Rectangle

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



72, 28.850, 279.529



72, 28.850, 329.529



72, 28.850, 99.529



72, 28.850, 149.529

Sweetspot

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



72, 28.849, 279.528



94, 9.642, 275.923



85, 27.534, 172.760



49, 6.587, 276.118



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, 28.849, 279.528



76, 37.760, 280.802



68, 40.695, 300.705



45, 5.025, 275.842



28, 79.987, 298.867



5, 26.816, 289.695

Inverse Universe

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



72, 30.162, 0.462



76, 39.477, 1.436



88, 37.842, 115.793



45, 5.164, 357.665



37, 67.445, 22.061



7, 26.649, 9.179

Previews

White Background



This preview shows how the CIELCh color 72, 28.850, 279.529 looks on a white background.

Color Contrast Check

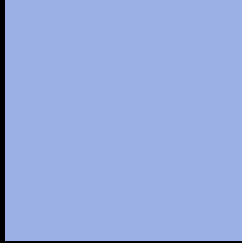
Large Text (above 18pt) WCAG AA × Fail

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, 28.850, 279.529 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

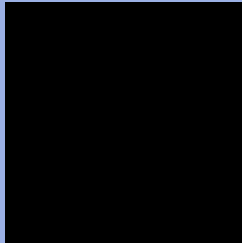
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 28.850, 279.529

Background



This preview shows how black text looks on a background with the CIELCh color 72, 28.850, 279.529.



This preview shows how white text looks on a background with the CIELCh color 72, 28.850, 279.529.

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, 28.850, 279.529

Protanopia

72, 28.986, 285.909

Deuteranopia

72, 30.556, 288.260



Tritanopia
72, 13.684, 232.687

Trichromacy



Original Color
72, 28.850, 279.529

Protanomaly
72, 28.570, 283.184

Deuteranomaly
72, 30.122, 285.114

Tritanomaly
72, 17.742, 258.637

Monochromacy



Original Color
72, 28.850, 279.529

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 10.671, 275.814

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 28.850, 279.529 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(155, 176, 228)` looks like.

```
.text, #text, p{  
    color:rgb(155, 176, 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(155, 176, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 176, 228) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 28.850, 279.529 is called "border". The border property can be set on classes, ids or directly on the HTML element.

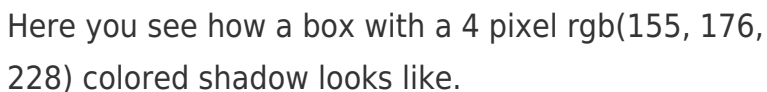
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 176, 228) }
```

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

```
.border{ border-color:rgb(155, 176, 228) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 176, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 176, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 176, 228); box-shadow:4px 4px 4px 4px rgb(155, 176, 228) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 28.850, 279.529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 176, 228) }
```

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

```
.background{ background-color: rgb(155,  
176, 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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