

Converting Colors

CIELCh(72, 28.616, 260.512)

Have a look what the booklet for
CIELCh(72, 28.616, 260.512)
contains.

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Color

CIELCh(72, 28.628, 260.541)

Conversions

Conversions Part 1

Format	Color
Hex	83B5E3
RGB	131, 181, 227
RGB Percent	51%, 71%, 89%
CMY	0.4845, 0.2885, 0.1080
CMYK	0.42, 0.20, 0.00, 0.11
HSL	209°, 64%, 70%
HSV	209°, 42%, 89%
XYZ	39.9716, 43.6590, 79.3266
YIQ	171.2940, -44.5660, 3.7060

Conversions

Conversions Part 2

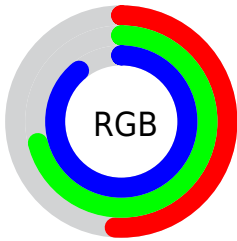
Format	Color
RYB	131, 164, 227
Decimal	8631779
CIELab	72.00, -4.70, -28.24
CIElCh	72, 28.628, 260.541
Yxy	43.6590, 0.2453, 0.2679
Android (android.graphics.Color)	4286821859 (0xFF83B5E3)
YUV	171.2940, 27.4631, -35.3378
Hunter-Lab	66.0750, -7.6490, -24.9284

Details

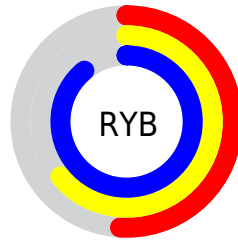
The CIELCh color **72, 28.628, 260.541** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **76, 32.869, 68.016**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 18.335, 229.312**, and **52, 28.493, 260.733** is the 20% darker color. If you saturate the color by 10%, you get **68, 35.000, 263.256**, and if you desaturate by 10%, it is **76, 22.075, 258.265**.

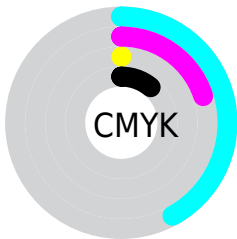
Distribution



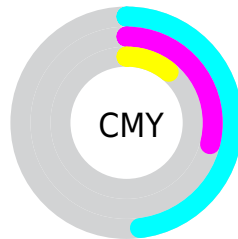
- Red (51%)
- Green (71%)
- Blue (89%)



- Red (51%)
- Yellow (64%)
- Blue (89%)



- Cyan (42%)
- Magenta (20%)
- Yellow (0%)
- Black (11%)





- Cyan (48%)
- Magenta (29%)
- Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 28.628, 260.541 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, 28.628, 260.541 by changing the saturation by 10% instead.


 72, 28.628,
260.541


 72, 28.628,
260.541


 100, 28.628,
260.541


 62, 28.628,
260.541


 92, 28.628,
260.541

 52, 28.628,
260.541

 42, 28.628,
260.541

 32, 28.628,
260.541

 22, 28.628,
260.541

 12, 28.628,
260.541

 2, 28.628, 260.541

0, 28.628, 260.541

72, 28.628,
260.541

72, 28.628,
260.541

68, 35.000,
263.256

76, 22.075,
258.265

64, 41.204,
266.468

81, 15.359,
256.369

60, 47.282,
270.203

85, 8.508, 254.798

89, 1.554, 253.682

56, 53.324,
274.427

94, 5.470, 72.201

53, 59.449,
279.020

97, 10.292, 92.669

50, 64.372,
282.635

99, 13.935,
109.124

Harmonies

Complementary

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



72, 28.628, 260.541



76, 32.869, 68.016

Rectangle

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



72, 28.628, 260.541



72, 28.628, 310.541



72, 28.628, 80.541



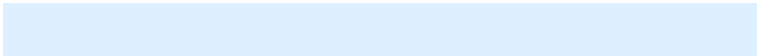
72, 28.628, 130.541

Sweetspot

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



72, 28.627, 260.540



94, 9.933, 254.923



84, 42.908, 157.719



49, 6.939, 255.251



0, 0.000, 0.000



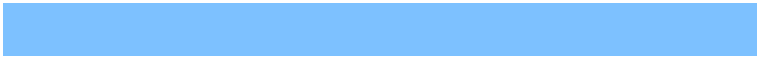
53, 0.007, 296.813

Same Dimension

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



72, 28.627, 260.540



76, 37.550, 262.996



60, 52.424, 294.753



46, 3.994, 254.421



40, 52.877, 281.838



9, 19.091, 272.961

Inverse Universe

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



67, 44.358, 346.729



69, 58.116, 347.988



88, 47.219, 104.613



45, 5.935, 343.288



38, 65.121, 359.938



7, 27.827, 353.383

Previews

White Background



This preview shows how the CIELCh color 72, 28.628, 260.541 looks on a white background.

Color Contrast Check

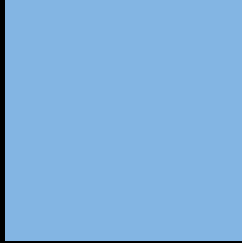
Large Text (above 18pt) WCAG AA × Fail

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, 28.628, 260.541 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

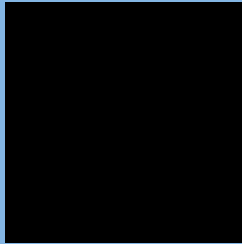
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

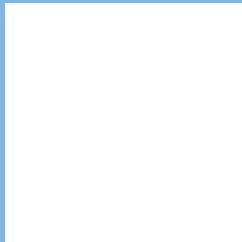
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 28.628, 260.541

Background



This preview shows how black text looks on a background with the CIELCh color 72, 28.628, 260.541.

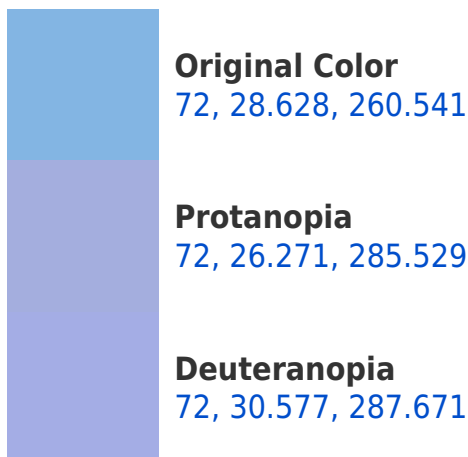


This preview shows how white text looks on a background with the CIELCh color 72, 28.628, 260.541.

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](#).

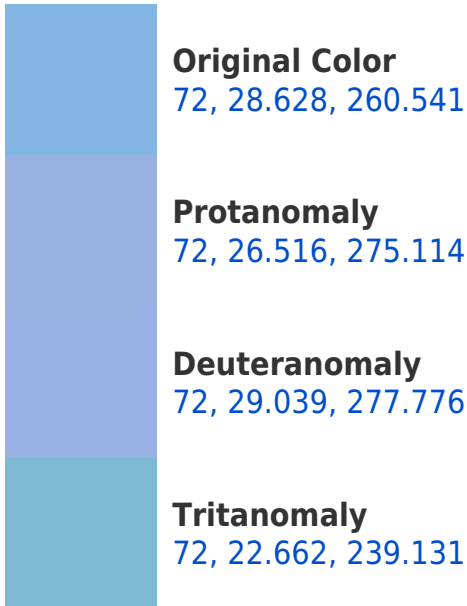
Dichromacy



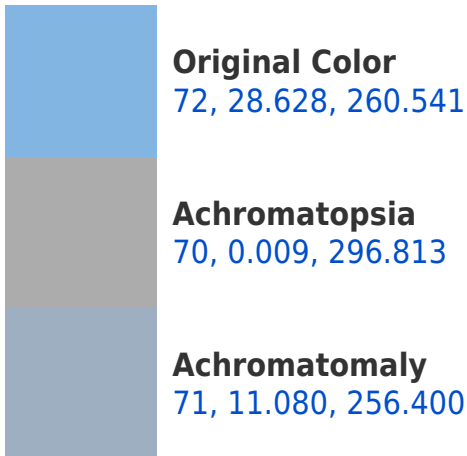


Tritanopia
72, 21.219, 220.840

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 28.628, 260.541 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(131, 181, 227)` looks like.

```
.text, #text, p{  
    color:rgb(131, 181, 227)  
}
```

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(131, 181, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 181, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 28.628, 260.541 is called "border". The border property can be set on classes, ids or directly on the HTML element.

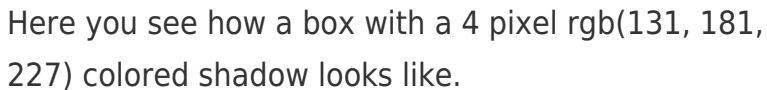
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(131, 181, 227) }
```

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

```
.border{ border-color:rgb(131, 181, 227) }
```

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



Here you see how a box with a 4 pixel `rgb(131, 181, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(131, 181, 227); -webkit-box-shadow:4px 4px 4px 4px rgb(131, 181, 227); box-shadow:4px 4px 4px 4px rgb(131, 181, 227) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 28.628, 260.541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 181, 227) }
```

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

```
.background{ background-color: rgb(131,  
181, 227) }
```

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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