

Converting Colors

CIELCh(72, 18.058, 266.317)

Have a look what the booklet for
CIELCh(72, 18.058, 266.317)
contains.

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Color

CIELCh(72, 17.943, 265.162)

Conversions

Conversions Part 1

Format	Color
Hex	9BB3D1
RGB	155, 179, 209
RGB Percent	61%, 70%, 82%
CMY	0.3932, 0.2991, 0.1815
CMYK	0.26, 0.14, 0.00, 0.18
HSL	213°, 37%, 71%
HSV	213°, 26%, 82%
XYZ	41.0019, 43.6590, 66.4006
YIQ	175.2440, -23.9340, 4.2420

Conversions

Conversions Part 2

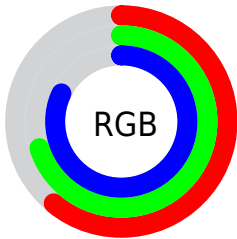
Format	Color
R _Y B	155, 172, 209
Decimal	10204113
CIE Lab	72.00, -1.51, -17.88
CIE LCh	72, 17.943, 265.162
Yxy	43.6590, 0.2714, 0.2890
Android (android.graphics.Color)	4288394193 (0xFF9BB3D1)
YUV	175.2440, 16.6417, -17.7540
Hunter-Lab	66.0750, -4.8655, -13.3297

Details

The CIELCh color `72, 17.943, 265.162` is a light color, and the websafe version is hex `99CCFF`. A complement of this color would be `76, 18.795, 77.838`, and the grayscale version is `71, 0.009, 296.813`.

A 20% lighter version of the original color is `92, 13.089, 251.558`, and `52, 18.293, 266.762` is the 20% darker color. If you saturate the color by 10%, you get `68, 24.846, 267.198`, and if you desaturate by 10%, it is `77, 11.014, 263.438`.

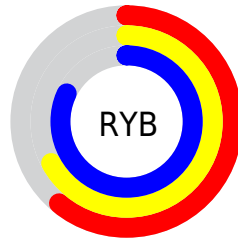
Distribution



Red (61%)

Green (70%)

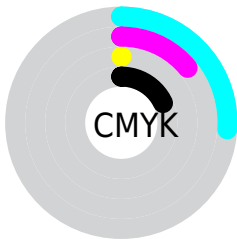
Blue (82%)



Red (61%)

Yellow (67%)

Blue (82%)

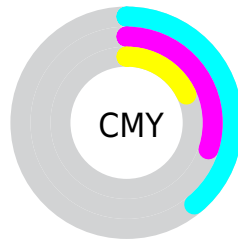


Cyan (26%)

Magenta (14%)

Yellow (0%)

Black (18%)



Cyan (39%)


Magenta (30%)


Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 17.943, 265.162 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, 17.943, 265.162 by changing the saturation by 10% instead.


 72, 17.943,
265.162


 72, 17.943,
265.162


 100, 17.943,
265.162


 62, 17.943,
265.162


 92, 17.943,
265.162

 52, 17.943,
265.162

 42, 17.943,
265.162

 32, 17.943,
265.162

 22, 17.943,
265.162

 12, 17.943,
265.162

 2, 17.943, 265.162

0, 17.943, 265.162

72, 17.943,
265.162

72, 17.943,
265.162

68, 24.846,
267.198

77, 11.014,
263.438

63, 31.720,
269.607

81, 4.076, 262.018

59, 38.575,
272.433

86, 2.856, 80.563

90, 9.766, 79.566

55, 45.442,
275.708

94, 15.900, 83.454

51, 52.380,
279.418

97, 20.242,
101.501

47, 59.458,
283.483

99, 23.374,
108.406

■ 43, 66.731,
287.735

■ 42, 69.809,
289.413

Harmonies

Complementary

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



72, 17.943, 265.162



76, 18.795, 77.838

Rectangle

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



72, 17.943, 265.162



72, 17.943, 315.162



72, 17.943, 85.162



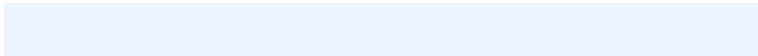
72, 17.943, 135.162

Sweetspot

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



72, 17.942, 265.159



96, 6.538, 262.303



80, 23.352, 164.028



50, 4.645, 262.510



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, 17.942, 265.159



83, 25.281, 266.236



66, 30.020, 294.939



42, 3.947, 262.482



34, 58.543, 288.734



5, 17.411, 276.625

Inverse Universe

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



70, 24.248, 349.235



80, 34.308, 349.883



82, 28.238, 109.848



41, 5.228, 347.528



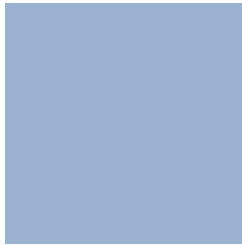
36, 61.846, 6.971



5, 21.314, 357.446

Previews

White Background



This preview shows how the CIELCh color 72, 17.943, 265.162 looks on a white background.

Color Contrast Check

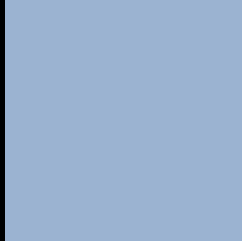
Large Text (above 18pt) WCAG AA × Fail

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, 17.943, 265.162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

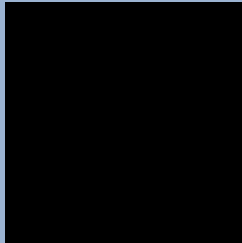
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

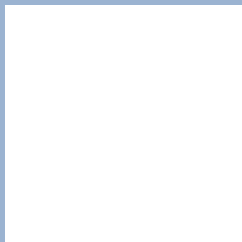
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 17.943, 265.162

Background



This preview shows how black text looks on a background with the CIELCh color 72, 17.943, 265.162.



This preview shows how white text looks on a background with the CIELCh color 72, 17.943, 265.162.

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, 17.943, 265.162

Protanopia

72, 16.940, 285.969

Deuteranopia

72, 20.843, 296.910



Tritanopia
72, 12.386, 236.957

Trichromacy



Original Color
72, 17.943, 265.162

Protanomaly
72, 17.267, 278.104

Deuteranomaly
72, 19.663, 287.105

Tritanomaly
72, 14.029, 250.142

Monochromacy



Original Color
72, 17.943, 265.162

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 6.602, 264.854

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 17.943, 265.162 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, 179, 209)` looks like.

```
.text, #text, p{  
    color:rgb(155, 179, 209)  
}
```

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, 179, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 179, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 17.943, 265.162 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, 179, 209) }
```

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

```
.border{ border-color:rgb(155, 179, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 179, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 179, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 179, 209);  
box-shadow:4px 4px 4px 4px rgb(155, 179,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 17.943, 265.162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 179, 209) }
```

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

```
.background{ background-color: rgb(155,  
179, 209) }
```

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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