

Converting Colors

CIELCh(72, 11.500, 263.653)

Have a look what the booklet for
CIELCh(72, 11.500, 263.653)
contains.

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Color

CIELCh(72, 11.469, 263.981)

Conversions

Conversions Part 1

Format	Color
Hex	A3B2C5
RGB	163, 178, 197
RGB Percent	64%, 70%, 77%
CMY	0.3608, 0.3019, 0.2274
CMYK	0.17, 0.10, 0.00, 0.23
HSL	214°, 23%, 71%
HSV	214°, 17%, 77%
XYZ	41.1031, 43.6590, 59.0841
YIQ	175.6810, -15.0390, 2.7290

Conversions

Conversions Part 2

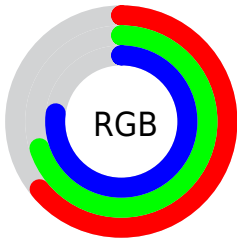
Format	Color
RYB	163, 173, 197
Decimal	10728133
CIELab	72.00, -1.20, -11.41
CIElCh	72, 11.469, 263.981
Yxy	43.6590, 0.2857, 0.3035
Android (android.graphics.Color)	4288918213 (0xFFA3B2C5)
YUV	175.6810, 10.5103, -11.1212
Hunter-Lab	66.0750, -4.5920, -6.7645

Details

The CIELCh color **72, 11.469, 263.981** is a light color, and the websafe version is hex **999999**. A complement of this color would be **75, 11.798, 79.289**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 11.541, 263.208**, and **52, 11.494, 265.107** is the 20% darker color. If you saturate the color by 10%, you get **68, 18.102, 265.728**, and if you desaturate by 10%, it is **76, 4.825, 262.514**.

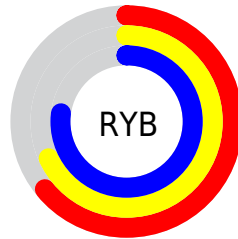
Distribution



Red (64%)

Green (70%)

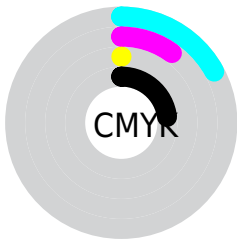
Blue (77%)



Red (64%)

Yellow (68%)

Blue (77%)

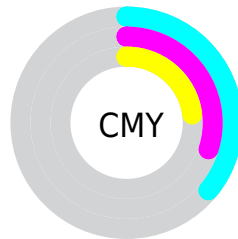


Cyan (17%)

Magenta (10%)

Yellow (0%)

Black (23%)



Cyan (36%)


Magenta (30%)


Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 11.469, 263.981 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, 11.469, 263.981 by changing the saturation by 10% instead.


 72, 11.469,
263.981


 72, 11.469,
263.981


 100, 11.469,
263.981


 62, 11.469,
263.981


 92, 11.469,
263.981

 52, 11.469,
263.981

 42, 11.469,
263.981

 32, 11.469,
263.981

 22, 11.469,
263.981

 12, 11.469,
263.981

 2, 11.469, 263.981

0, 11.469, 263.981

72, 11.469,
263.981

72, 11.469,
263.981

68, 18.102,
265.728

76, 4.825, 262.514

81, 1.810, 80.992

63, 24.718,
267.802

85, 8.424, 80.031

59, 31.311,
270.249

89, 15.002, 79.096

55, 37.893,
273.113

93, 20.343, 84.358

96, 24.295, 98.431

51, 44.500,
276.421

99, 29.230,
107.956

47, 51.185,
280.153

■ 44, 58.017,
284.220

■ 40, 65.040,
288.425

■ 39, 67.008,
289.509

Harmonies

Complementary

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



72, 11.469, 263.981



75, 11.798, 79.289

Rectangle

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



72, 11.469, 263.981



72, 11.469, 313.981



72, 11.469, 83.981



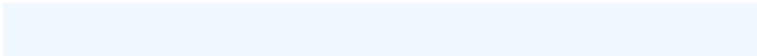
72, 11.469, 133.981

Sweetspot

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



72, 11.468, 263.974



97, 4.101, 262.246



77, 14.943, 164.920



52, 2.797, 262.330



0, 0.000, 0.000



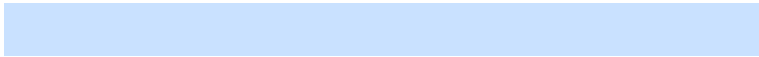
53, 0.007, 296.813

Same Dimension

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



72, 11.468, 263.974



89, 17.204, 264.651



68, 18.772, 293.873



40, 3.799, 262.798



32, 57.439, 288.892



4, 14.972, 274.848

Inverse Universe

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



70, 15.273, 348.496



86, 23.019, 348.922



79, 18.048, 110.622



39, 5.006, 347.715



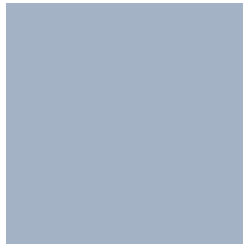
35, 60.460, 7.158



4, 17.343, 356.505

Previews

White Background



This preview shows how the CIELCh color 72, 11.469, 263.981 looks on a white background.

Color Contrast Check

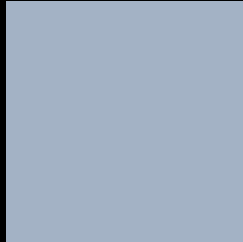
Large Text (above 18pt) WCAG AA × Fail

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, 11.469, 263.981 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

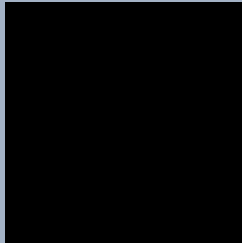
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

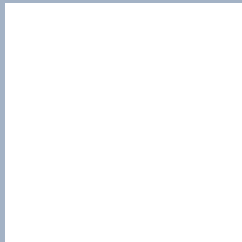
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 11.469, 263.981

Background



This preview shows how black text looks on a background with the CIELCh color 72, 11.469, 263.981.



This preview shows how white text looks on a background with the CIELCh color 72, 11.469, 263.981.

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

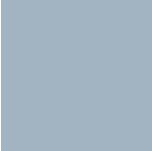
72, 11.469, 263.981

Protanopia

72, 10.900, 289.367

Deuteranopia

72, 14.779, 306.984



Tritanopia
72, 9.568, 252.130

Trichromacy



Original Color
72, 11.469, 263.981

Protanomaly
72, 11.055, 280.169

Deuteranomaly
72, 13.120, 294.549

Tritanomaly
72, 9.987, 254.197

Monochromacy



Original Color
72, 11.469, 263.981

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 4.363, 260.449

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 11.469, 263.981 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(163, 178, 197)` looks like.

```
.text, #text, p{  
    color:rgb(163, 178, 197)  
}
```

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(163, 178, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 178, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 11.469, 263.981 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(163, 178, 197) }
```

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

```
.border{ border-color:rgb(163, 178, 197) }
```

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

Here you see how a box with a 4 pixel rgb(163, 178, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 178, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 178, 197);  
box-shadow:4px 4px 4px 4px rgb(163, 178,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 11.469, 263.981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 178, 197) }
```

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

```
.background{ background-color: rgb(163,  
178, 197) }
```

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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