

Converting Colors

CIELCh(72, 16.392, 263.298)

Have a look what the booklet for
CIELCh(72, 16.392, 263.298)
contains.

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Color

CIELCh(72, 16.392, 263.298)

Conversions

Conversions Part 1

Format	Color
Hex	9CB3CE
RGB	156, 179, 206
RGB Percent	61%, 70%, 81%
CMY	0.3890, 0.2988, 0.1929
CMYK	0.24, 0.13, 0.00, 0.19
HSL	212°, 34%, 71%
HSV	212°, 24%, 81%
XYZ	40.8719, 43.6590, 64.5401
YIQ	175.2010, -22.3750, 3.5210

Conversions

Conversions Part 2

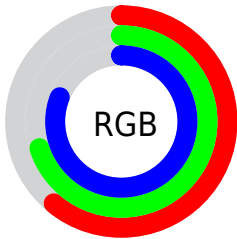
Format	Color
RYB	156, 172, 206
Decimal	10269646
CIELab	72.00, -1.91, -16.28
CIELCh	72, 16.392, 263.298
Yxy	43.6590, 0.2742, 0.2929
Android (android.graphics.Color)	4288459726 (0xFF9CB3CE)
YUV	175.2010, 15.1839, -16.8393
Hunter-Lab	66.0750, -5.2167, -11.6603

Details

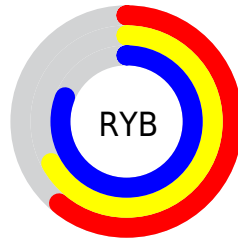
The CIELCh color $72, 16.392, 263.298$ is a light color, and the websafe version is hex `99CCFF`. A complement of this color would be $76, 17.219, 76.509$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 12.895, 252.698$, and $52, 16.649, 264.741$ is the 20% darker color. If you saturate the color by 10%, you get $68, 23.075, 265.279$, and if you desaturate by 10%, it is $76, 9.664, 261.625$.

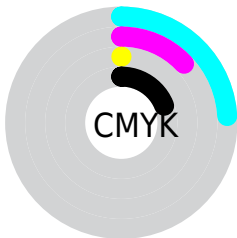
Distribution



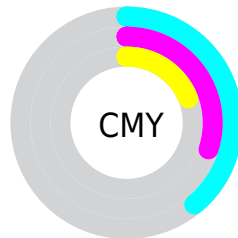
- Red (61%)
- Green (70%)
- Blue (81%)



- Red (61%)
- Yellow (67%)
- Blue (81%)



- Cyan (24%)
- Magenta (13%)
- Yellow (0%)
- Black (19%)





- Cyan (39%)
- Magenta (30%)
- Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 16.392, 263.298 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, 16.392, 263.298 by changing the saturation by 10% instead.


 72, 16.392,
263.298


 72, 16.392,
263.298


 100, 16.392,
263.298


 62, 16.392,
263.298


 92, 16.392,
263.298

 52, 16.392,
263.298

 42, 16.392,
263.298

 32, 16.392,
263.298

 22, 16.392,
263.298

 12, 16.392,
263.298

 2, 16.392, 263.298

0, 16.392, 263.298

72, 16.392,
263.298

72, 16.392,
263.298

68, 23.075,
265.279

76, 9.664, 261.625

63, 29.704,
267.629

81, 2.910, 260.279

59, 36.284,
270.397

85, 3.852, 78.852

55, 42.838,
273.620

90, 10.604, 77.863

51, 49.419,
277.298

94, 16.607, 81.100

97, 20.495, 98.558

47, 56.103,
281.369

99, 24.832,
108.294

■ 44, 62.960,
285.682

■ 42, 66.982,
288.080

Harmonies

Complementary

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



72, 16.392, 263.298



76, 17.219, 76.509

Rectangle

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



72, 16.392, 263.298



72, 16.392, 313.298



72, 16.392, 83.298



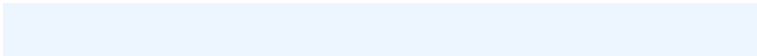
72, 16.392, 133.298

Sweetspot

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



72, 16.391, 263.294



96, 5.641, 260.609



79, 21.985, 163.270



51, 3.665, 260.688



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, 16.391, 263.294



85, 23.255, 264.258



66, 27.769, 294.158



41, 3.812, 260.914



34, 56.123, 287.370



5, 15.901, 274.477

Inverse Universe

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



70, 22.688, 348.127



81, 32.342, 348.699



81, 26.228, 109.273



40, 5.174, 346.622



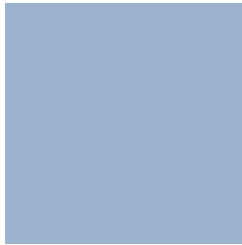
35, 61.168, 5.414



4, 19.548, 355.989

Previews

White Background



This preview shows how the CIELCh color 72, 16.392, 263.298 looks on a white background.

Color Contrast Check

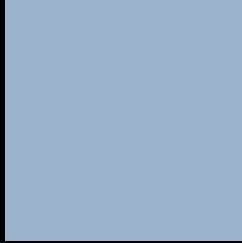
Large Text (above 18pt) WCAG AA × Fail

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, 16.392, 263.298 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

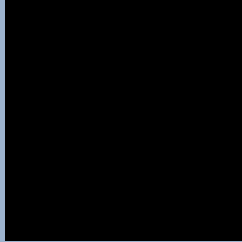
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

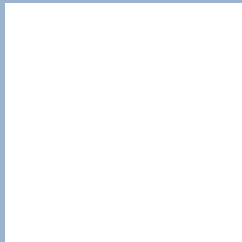
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 16.392, 263.298

Background



This preview shows how black text looks on a background with the CIELCh color 72, 16.392, 263.298.



This preview shows how white text looks on a background with the CIELCh color 72, 16.392, 263.298.

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, 16.392, 263.298

Protanopia

72, 15.291, 286.433

Deuteranopia

72, 19.255, 298.234



Tritanopia
72, 11.877, 238.939

Trichromacy



Original Color
72, 16.392, 263.298

Protanomaly
72, 15.620, 277.631

Deuteranomaly
72, 18.017, 287.543

Tritanomaly
72, 13.227, 250.688

Monochromacy



Original Color
72, 16.392, 263.298

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 6.120, 262.517

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 16.392, 263.298 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(156, 179, 206)` looks like.

```
.text, #text, p{  
    color:rgb(156, 179, 206)  
}
```

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(156, 179, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 179, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 16.392, 263.298 is called "border". The border property can be set on classes, ids or directly on the HTML element.

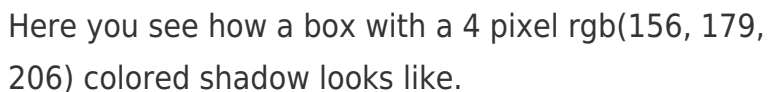
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(156, 179, 206) }
```

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

```
.border{ border-color:rgb(156, 179, 206) }
```

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



Here you see how a box with a 4 pixel `rgb(156, 179, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(156, 179, 206); -webkit-box-shadow:4px 4px 4px 4px rgb(156, 179, 206); box-shadow:4px 4px 4px 4px rgb(156, 179, 206) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 16.392, 263.298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 179, 206) }
```

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

```
.background{ background-color: rgb(156,  
179, 206) }
```

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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