

Converting Colors

CIELCh(72, 8.366, 264.513)

Have a look what the booklet for
CIELCh(72, 8.366, 264.513) contains.

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Color

CIELCh(72, 8.012, 261.534)

Conversions

Conversions Part 1

Format	Color
Hex	A7B2BF
RGB	167, 178, 191
RGB Percent	65%, 70%, 75%
CMY	0.3462, 0.3031, 0.2521
CMYK	0.13, 0.07, 0.00, 0.25
HSL	212°, 16%, 70%
HSV	212°, 13%, 75%
XYZ	41.1107, 43.6590, 55.3818
YIQ	176.1930, -10.7290, 1.7110

Conversions

Conversions Part 2

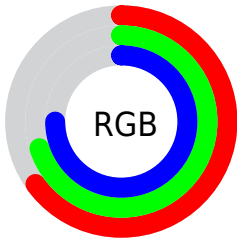
Format	Color
RYB	167, 175, 191
Decimal	10990271
CIELab	72.00, -1.18, -7.92
CIELCh	72, 8.012, 261.534
Yxy	43.6590, 0.2933, 0.3115
Android (android.graphics.Color)	4289180351 (0xFFA7B2BF)
YUV	176.1930, 7.2999, -8.0623
Hunter-Lab	66.0750, -4.5717, -3.4424

Details

The CIELCh color $72, 8.012, 261.534$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $74, 8.195, 78.172$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 7.803, 258.960$, and $52, 8.338, 264.441$ is the 20% darker color. If you saturate the color by 10%, you get $68, 14.352, 263.132$, and if you desaturate by 10%, it is $76, 1.650, 260.296$.

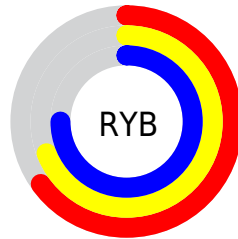
Distribution



Red (65%)

Green (70%)

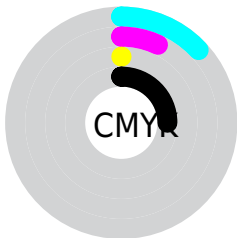
Blue (75%)



Red (65%)

Yellow (69%)

Blue (75%)

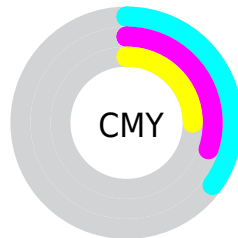


Cyan (13%)

Magenta (7%)

Yellow (0%)

Black (25%)



Cyan (35%)

Magenta (30%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 8.012, 261.534 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, 8.012, 261.534 by changing the saturation by 10% instead.

■ 72, 8.012, 261.534

■ 72, 8.012, 261.534

■ 100, 8.012,
261.534

■ 62, 8.012, 261.534

■ 92, 8.012, 261.534

■ 52, 8.012, 261.534

■ 42, 8.012, 261.534

■ 32, 8.012, 261.534

■ 22, 8.012, 261.534

■ 12, 8.012, 261.534

■ 2, 8.012, 261.534

■ 0, 8.012, 261.534

■ 72, 8.012, 261.534

■ 72, 8.012, 261.534

68, 14.352,
263.132

76, 1.650, 260.296

64, 20.656,
265.045

80, 4.713, 78.850

60, 26.913,
267.310

85, 11.063, 77.872

56, 33.124,
269.979

92, 22.264, 82.201

52, 39.307,
273.091

95, 25.680, 94.948

48, 45.508,
276.657

97, 30.037,
104.220

45, 51.791,
280.629

99, 32.358,
107.715

41, 58.226,
284.878

39, 63.140,

287.984

Harmonies

Complementary

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



72, 8.012, 261.534



74, 8.195, 78.172

Rectangle

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



72, 8.012, 261.534



72, 8.012, 311.534



72, 8.012, 81.534



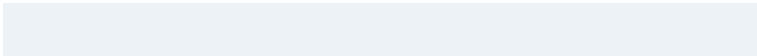
72, 8.012, 131.534

Sweetspot

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



72, 8.011, 261.523



95, 3.154, 260.416



75, 10.752, 164.438



51, 2.259, 260.497



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



72, 8.011, 261.523



90, 11.792, 261.923



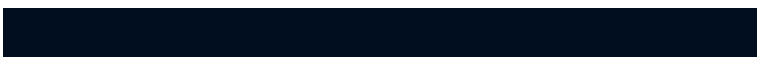
69, 13.197, 292.737



38, 3.580, 261.066



32, 54.159, 287.332



4, 12.036, 271.602

Inverse Universe

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



71, 10.897, 347.016



88, 16.099, 347.275



77, 12.825, 110.351



37, 4.846, 346.706



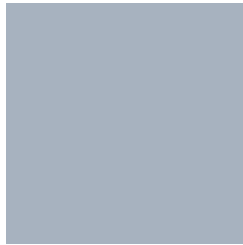
33, 59.077, 5.373



3, 13.647, 354.029

Previews

White Background



This preview shows how the CIELCh color 72, 8.012, 261.534 looks on a white background.

Color Contrast Check

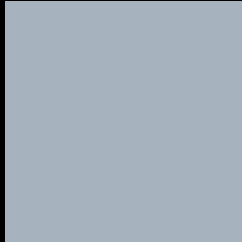
Large Text (above 18pt) WCAG AA × Fail

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, 8.012, 261.534 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

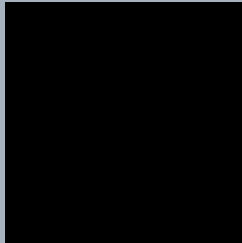
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

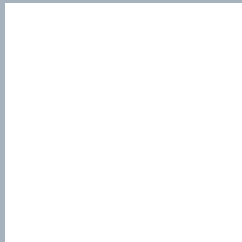
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 8.012, 261.534

Background



This preview shows how black text looks on a background with the CIELCh color 72, 8.012, 261.534.



This preview shows how white text looks on a background with the CIELCh color 72, 8.012, 261.534.

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

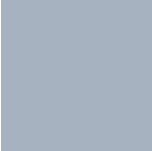
72, 8.012, 261.534

Protanopia

72, 7.647, 293.647

Deuteranopia

72, 12.756, 316.627



Tritanopia
72, 8.485, 263.438

Trichromacy



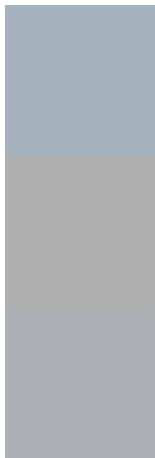
Original Color
72, 8.012, 261.534

Protanomaly
72, 7.684, 282.836

Deuteranomaly
72, 10.627, 302.958

Tritanomaly
72, 8.485, 263.438

Monochromacy



Original Color
72, 8.012, 261.534

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 2.613, 256.092

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 8.012, 261.534 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(167, 178, 191)` looks like.

```
.text, #text, p{  
    color:rgb(167, 178, 191)  
}
```

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(167, 178, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 178, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 8.012, 261.534 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(167, 178, 191) }
```

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

```
.border{ border-color:rgb(167, 178, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 178, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 178, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 178, 191);  
box-shadow:4px 4px 4px 4px rgb(167, 178,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 8.012, 261.534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 178, 191) }
```

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

```
.background{ background-color: rgb(167,  
178, 191) }
```

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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