

Converting Colors

CIELCh(72, 7.063, 260.494)

Have a look what the booklet for
CIELCh(72, 7.063, 260.494) contains.

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Color

CIELCh(72, 6.914, 259.476)

Conversions

Conversions Part 1

Format	Color
Hex	A8B2BD
RGB	168, 178, 189
RGB Percent	66%, 70%, 74%
CMY	0.3424, 0.3032, 0.2601
CMYK	0.11, 0.06, 0.00, 0.26
HSL	211°, 14%, 70%
HSV	211°, 11%, 74%
XYZ	41.0835, 43.6590, 54.2172
YIQ	176.2640, -9.4910, 1.3010

Conversions

Conversions Part 2

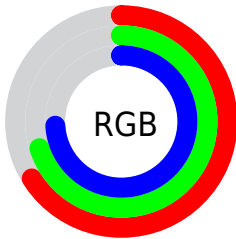
Format	Color
RYB	168, 175, 189
Decimal	11055805
CIELab	72.00, -1.26, -6.80
CIElCh	72, 6.914, 259.476
Yxy	43.6590, 0.2957, 0.3142
Android (android.graphics.Color)	4289245885 (0xFFA8B2BD)
YUV	176.2640, 6.2788, -7.2475
Hunter-Lab	66.0750, -4.6451, -2.3974

Details

The CIELCh color $72, 6.914, 259.476$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $73, 7.070, 76.522$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 6.768, 256.654$, and $52, 7.162, 262.637$ is the 20% darker color. If you saturate the color by 10%, you get $68, 13.081, 261.020$, and if you desaturate by 10%, it is $76, 0.708, 258.546$.

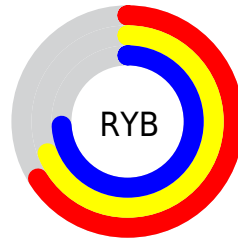
Distribution



Red (66%)

Green (70%)

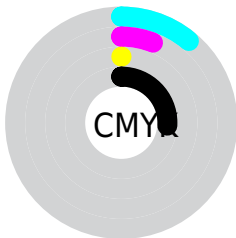
Blue (74%)



Red (66%)

Yellow (69%)

Blue (74%)

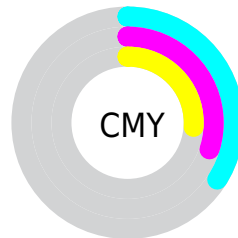


Cyan (11%)

Magenta (6%)

Yellow (0%)

Black (26%)



Cyan (34%)

Magenta (30%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 6.914, 259.476 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, 6.914, 259.476 by changing the saturation by 10% instead.

■ 72, 6.914, 259.476

■ 72, 6.914, 259.476

■ 100, 6.914,
259.476

■ 62, 6.914, 259.476

■ 92, 6.914, 259.476

■ 52, 6.914, 259.476

■ 42, 6.914, 259.476

■ 32, 6.914, 259.476

■ 22, 6.914, 259.476

■ 12, 6.914, 259.476

■ 2, 6.914, 259.476

■ 0, 6.914, 259.476

■ 72, 6.914, 259.476

■ 72, 6.914, 259.476

68, 13.081,
261.020

76, 0.708, 258.546

64, 19.194,
262.880

80, 5.513, 76.869

60, 25.235,
265.089

84, 11.733, 75.918

56, 31.200,
267.702

88, 17.935, 75.076

53, 37.100,
270.764

92, 22.622, 80.041

49, 42.975,
274.296

94, 25.669, 92.478

45, 48.889,
278.265

97, 29.643,
101.811

42, 54.922,
282.560

99, 33.369,
107.637

39, 60.445,

Harmonies

Complementary

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



72, 6.914, 259.476



73, 7.070, 76.522

Rectangle

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



72, 6.914, 259.476



72, 6.914, 309.476



72, 6.914, 79.476



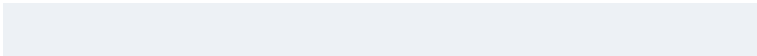
72, 6.914, 129.476

Sweetspot

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



72, 6.913, 259.463



95, 2.313, 258.491



75, 9.541, 163.658



50, 1.751, 258.558



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



72, 6.913, 259.463



90, 9.973, 259.763



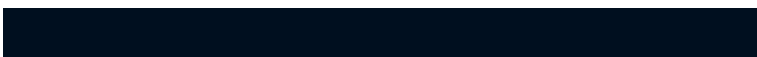
69, 11.534, 291.957



38, 3.523, 259.218



33, 52.317, 285.743



4, 11.827, 270.295

Inverse Universe

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



71, 9.646, 345.855



88, 13.960, 346.052



76, 11.244, 109.798



37, 4.903, 345.689



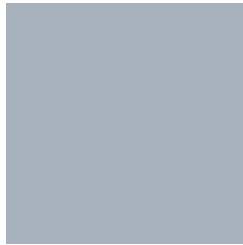
34, 59.153, 3.672



3, 13.772, 352.993

Previews

White Background



This preview shows how the CIELCh color 72, 6.914, 259.476 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, 6.914, 259.476 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

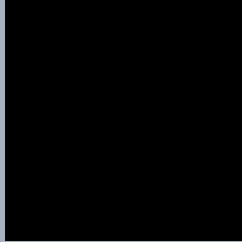
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

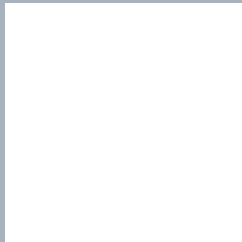
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 6.914, 259.476

Background



This preview shows how black text looks on a background with the CIELCh color 72, 6.914, 259.476.

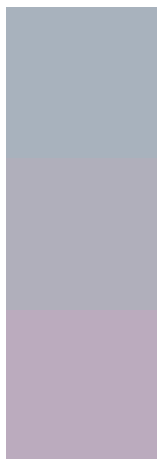


This preview shows how white text looks on a background with the CIELCh color 72, 6.914, 259.476.

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, 6.914, 259.476

Protanopia

72, 6.559, 294.009

Deuteranopia

72, 11.965, 320.491



Tritanopia
72, 8.209, 267.866

Trichromacy



Original Color
72, 6.914, 259.476

Protanomaly
72, 6.609, 281.359

Deuteranomaly
72, 9.656, 306.360

Tritanomaly
72, 7.715, 266.179

Monochromacy



Original Color
72, 6.914, 259.476

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, 6.914, 259.476 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(168, 178, 189)` looks like.

```
.text, #text, p{  
    color:rgb(168, 178, 189)  
}
```

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(168, 178, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 178, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 6.914, 259.476 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(168, 178, 189) }
```

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

```
.border{ border-color:rgb(168, 178, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 178, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 178, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 178, 189);  
box-shadow:4px 4px 4px 4px rgb(168, 178,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 6.914, 259.476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 178, 189) }
```

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

```
.background{ background-color: rgb(168,  
178, 189) }
```

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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