

Converting Colors

CIELCh(72, 8.365, 252.972)

Have a look what the booklet for
CIELCh(72, 8.365, 252.972) contains.

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Color

CIELCh(72, 8.551, 255.298)

Conversions

Conversions Part 1

Format	Color
Hex	A4B2BF
RGB	164, 178, 191
RGB Percent	64%, 70%, 75%
CMY	0.3557, 0.3008, 0.2498
CMYK	0.14, 0.07, 0.00, 0.25
HSL	209°, 17%, 70%
HSV	209°, 14%, 75%
XYZ	40.7884, 43.6590, 55.7430
YIQ	175.2960, -12.5170, 1.0750

Conversions

Conversions Part 2

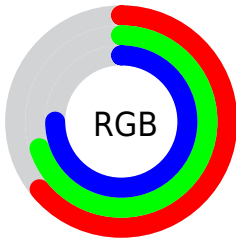
Format	Color
RYB	164, 173, 191
Decimal	10793663
CIELab	72.00, -2.17, -8.27
CIELCh	72, 8.551, 255.298
Yxy	43.6590, 0.2909, 0.3114
Android (android.graphics.Color)	4288983743 (0xFFA4B2BF)
YUV	175.2960, 7.7421, -9.9066
Hunter-Lab	66.0750, -5.4423, -3.7665

Details

The CIELCh color `72, 8.551, 255.298` is a light color, and the websafe version is hex `999999`. A complement of this color would be `73, 8.894, 71.661`, and the grayscale version is `72, 0.009, 296.813`.

A 20% lighter version of the original color is `92, 8.359, 252.966`, and `52, 8.854, 258.010` is the 20% darker color. If you saturate the color by 10%, you get `68, 14.497, 256.897`, and if you desaturate by 10%, it is `76, 2.513, 254.023`.

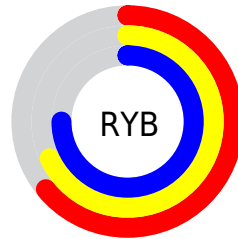
Distribution



Red (64%)

Green (70%)

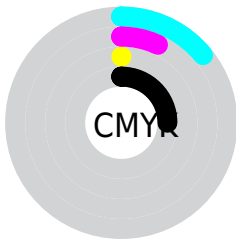
Blue (75%)



Red (64%)

Yellow (68%)

Blue (75%)

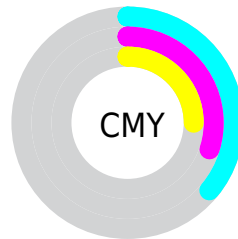


Cyan (14%)

Magenta (7%)

Yellow (0%)

Black (25%)



Cyan (36%)

Magenta (30%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 8.551, 255.298 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, 8.551, 255.298 by changing the saturation by 10% instead.

■ 72, 8.551, 255.298

■ 72, 8.551, 255.298

■ 100, 8.551,
255.298

■ 62, 8.551, 255.298

■ 92, 8.551, 255.298

■ 52, 8.551, 255.298

■ 42, 8.551, 255.298

■ 32, 8.551, 255.298

■ 22, 8.551, 255.298

■ 12, 8.551, 255.298

■ 2, 8.551, 255.298

■ 0, 8.551, 255.298

■ 72, 8.551, 255.298

■ 72, 8.551, 255.298

68, 14.497,
256.897

76, 2.513, 254.023

64, 20.326,
258.830

80, 3.588, 72.615

84, 9.727, 71.694

61, 26.014,
261.143

88, 15.882, 70.863

57, 31.552,
263.895

91, 20.844, 74.240

93, 23.223, 87.632

54, 36.951,
267.137

96, 26.609, 97.968

50, 42.255,
270.887

98, 30.644,
105.671

47, 47.542,
275.105

99, 32.062,
107.738

44, 52.913,
279.664

42, 56.175,

Harmonies

Complementary

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



72, 8.551, 255.298



73, 8.894, 71.661

Rectangle

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



72, 8.551, 255.298



72, 8.551, 305.298



72, 8.551, 75.298



72, 8.551, 125.298

Sweetspot

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



72, 8.550, 255.288



96, 3.033, 254.018



75, 12.700, 160.760



51, 2.153, 254.091



99, 0.012, 296.813



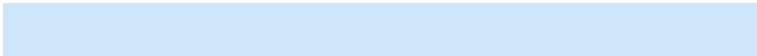
52, 0.007, 296.813

Same Dimension

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



72, 8.550, 255.288



90, 12.762, 255.763



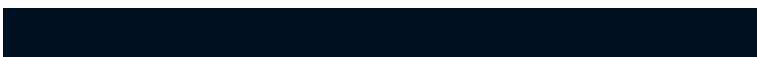
69, 14.373, 290.359



39, 3.481, 254.631



36, 48.741, 281.649



5, 12.568, 267.792

Inverse Universe

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



70, 12.770, 343.810



87, 19.162, 344.102



77, 13.950, 107.428



38, 5.155, 343.382



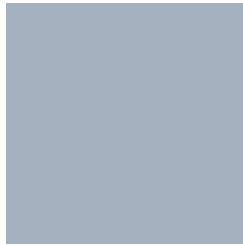
34, 60.268, 359.772



3, 15.999, 351.216

Previews

White Background



This preview shows how the CIELCh color 72, 8.551, 255.298 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 CIE LCh color 72, 8.551, 255.298 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

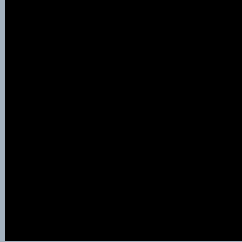
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

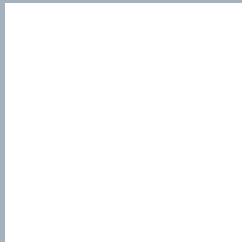
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 8.551, 255.298

Background



This preview shows how black text looks on a background with the CIELCh color 72, 8.551, 255.298.

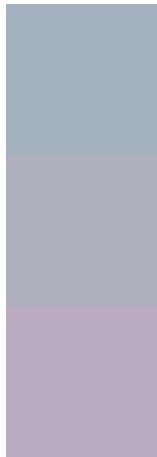


This preview shows how white text looks on a background with the CIELCh color 72, 8.551, 255.298.

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, 8.551, 255.298

Protanopia

72, 7.647, 293.647

Deuteranopia

72, 13.246, 315.616



Tritanopia
72, 8.991, 257.426

Trichromacy



Original Color
72, 8.551, 255.298

Protanomaly
72, 7.735, 280.198

Deuteranomaly
72, 9.946, 299.482

Tritanomaly
72, 8.991, 257.426

Monochromacy



Original Color
72, 8.551, 255.298

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 3.260, 256.206

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 8.551, 255.298 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(164, 178, 191)` looks like.

```
.text, #text, p{  
    color:rgb(164, 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(164, 178, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 178, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 8.551, 255.298 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(164, 178, 191) }
```

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

```
.border{ border-color:rgb(164, 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(164, 178, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 178, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 178, 191);  
box-shadow:4px 4px 4px 4px rgb(164, 178,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 8.551, 255.298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 178, 191) }
```

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

```
.background{ background-color: rgb(164,  
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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