

Converting Colors

CIELCh(72, 9.901, 263.852)

Have a look what the booklet for
CIELCh(72, 9.901, 263.852) contains.

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Color

CIELCh(72, 9.743, 262.910)

Conversions

Conversions Part 1

Format	Color
Hex	A5B2C2
RGB	165, 178, 194
RGB Percent	65%, 70%, 76%
CMY	0.3535, 0.3025, 0.2398
CMYK	0.15, 0.08, 0.00, 0.24
HSL	213°, 19%, 70%
HSV	213°, 15%, 76%
XYZ	41.1032, 43.6590, 57.2165
YIQ	175.9370, -12.8840, 2.2200

Conversions

Conversions Part 2

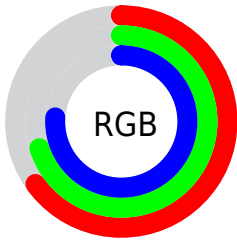
Format	Color
R_{YB}	165, 174, 194
Decimal	10859202
CIE _{Lab}	72.00, -1.20, -9.67
CIE _{LCh}	72, 9.743, 262.910
Yxy	43.6590, 0.2895, 0.3075
Android (android.graphics.Color)	4289049282 (0xFFA5B2C2)
YUV	175.9370, 8.9051, -5.5917
Hunter-Lab	66.0750, -4.5920, -5.0887

Details

The CIELCh color $72, 9.743, 262.910$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $74, 9.994, 78.882$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 9.449, 260.625$, and $52, 9.667, 263.905$ is the 20% darker color. If you saturate the color by 10%, you get $68, 16.238, 264.584$, and if you desaturate by 10%, it is $76, 3.234, 261.526$.

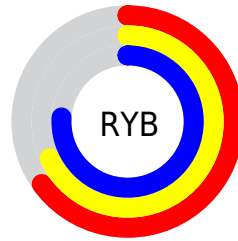
Distribution



Red (65%)

Green (70%)

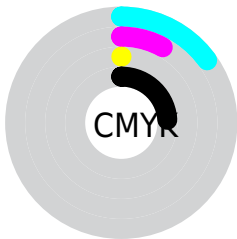
Blue (76%)



Red (65%)

Yellow (68%)

Blue (76%)

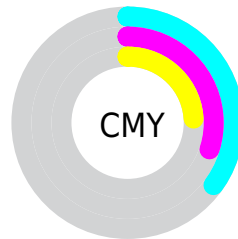


Cyan (15%)

Magenta (8%)

Yellow (0%)

Black (24%)



Cyan (35%)

Magenta (30%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 9.743, 262.910 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, 9.743, 262.910 by changing the saturation by 10% instead.

■ 72, 9.743, 262.910

■ 72, 9.743, 262.910

■ 100, 9.743,
262.910

■ 62, 9.743, 262.910

■ 92, 9.743, 262.910

■ 52, 9.743, 262.910

■ 42, 9.743, 262.910

■ 32, 9.743, 262.910

■ 22, 9.743, 262.910

■ 12, 9.743, 262.910

■ 2, 9.743, 262.910

■ 0, 9.743, 262.910

■ 72, 9.743, 262.910

■ 72, 9.743, 262.910

68, 16.238,
264.584

76, 3.234, 261.526

64, 22.707,
266.579

81, 3.272, 80.098

85, 9.758, 79.104

59, 29.142,
268.935

89, 16.212, 78.200

55, 35.551,
271.702

93, 21.333, 83.439

95, 25.037, 96.822

51, 41.960,
274.913

98, 29.716,
106.233

48, 48.419,
278.564

99, 30.793,
107.836

44, 54.997,
282.587

41, 61.750,
286.827

39, 65.244,

288.881

Harmonies

Complementary

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



72, 9.743, 262.910



74, 9.994, 78.882

Rectangle

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



72, 9.743, 262.910



72, 9.743, 312.910



72, 9.743, 82.910



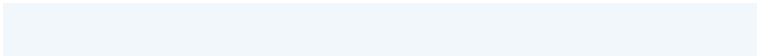
72, 9.743, 132.910

Sweetspot

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



72, 9.742, 262.902



97, 3.235, 261.430



76, 12.792, 165.147



52, 2.317, 261.512



0, 0.000, 0.000



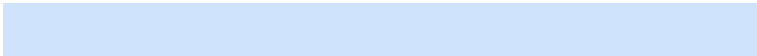
53, 0.007, 296.813

Same Dimension

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



72, 9.742, 262.902



90, 14.523, 263.430



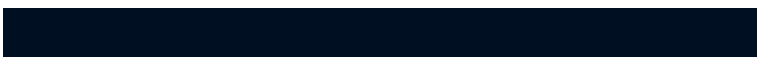
69, 15.983, 293.613



39, 3.694, 262.087



32, 55.943, 288.248



4, 13.535, 273.346

Inverse Universe

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



71, 13.084, 347.840



87, 19.589, 348.176



78, 15.450, 110.828



38, 4.922, 347.294



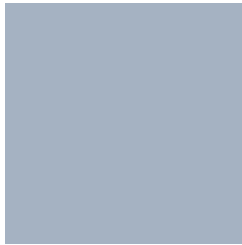
34, 59.760, 6.407



3, 15.419, 355.391

Previews

White Background



This preview shows how the CIELCh color 72, 9.743, 262.910 looks on a white background.

Color Contrast Check

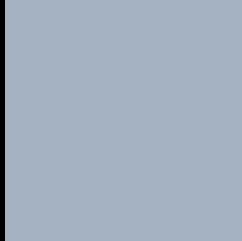
Large Text (above 18pt) WCAG AA × Fail

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, 9.743, 262.910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

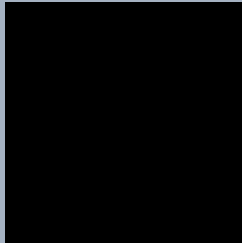
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

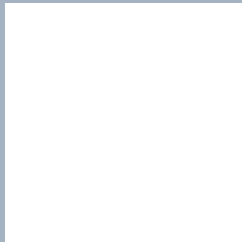
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 9.743, 262.910

Background



This preview shows how black text looks on a background with the CIELCh color 72, 9.743, 262.910.



This preview shows how white text looks on a background with the CIELCh color 72, 9.743, 262.910.

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, 9.743, 262.910

Protanopia

72, 9.267, 291.085

Deuteranopia

72, 14.105, 312.436



Tritanopia
72, 8.813, 259.348

Trichromacy



Original Color
72, 9.743, 262.910

Protanomaly
72, 9.396, 280.135

Deuteranomaly
72, 12.169, 299.810

Tritanomaly
72, 9.274, 261.215

Monochromacy



Original Color
72, 9.743, 262.910

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, 9.743, 262.910 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(165, 178, 194)` looks like.

```
.text, #text, p{  
    color:rgb(165, 178, 194)  
}
```

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(165, 178, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 178, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 9.743, 262.910 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(165, 178, 194) }
```

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

```
.border{ border-color:rgb(165, 178, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 178, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 178, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 178, 194);  
box-shadow:4px 4px 4px 4px rgb(165, 178,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 9.743, 262.910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 178, 194) }
```

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

```
.background{ background-color: rgb(165,  
178, 194) }
```

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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