

Converting Colors

CIELCh(72, 7.771, 255.317)

Have a look what the booklet for
CIELCh(72, 7.771, 255.317) contains.

CIELCh(72, 7.921, 254.989)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(72, 7.921, 254.989)

Conversions

Conversions Part 1

Format	Color
Hex	A5B2BE
RGB	165, 178, 190
RGB Percent	65%, 70%, 75%
CMY	0.3522, 0.3012, 0.2542
CMYK	0.13, 0.06, 0.00, 0.25
HSL	209°, 16%, 70%
HSV	209°, 13%, 75%
XYZ	40.8269, 43.6590, 55.0972
YIQ	175.4810, -11.6000, 0.9760

Conversions

Conversions Part 2

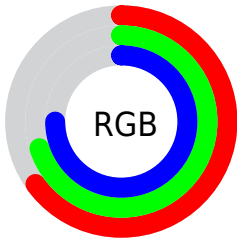
Format	Color
R_{YB}	165, 174, 190
Decimal	10859198
CIE _{Lab}	72.00, -2.05, -7.65
CIE _{LCh}	72, 7.921, 254.989
Yxy	43.6590, 0.2925, 0.3128
Android (android.graphics.Color)	4289049278 (0xFFA5B2BE)
YUV	175.4810, 7.1579, -9.1918
Hunter-Lab	66.0750, -5.3383, -3.1870

Details

The CIELCh color `72, 7.921, 254.989` is a light color, and the websafe version is hex `999999`. A complement of this color would be `73, 8.216, 71.612`, and the grayscale version is `72, 0.009, 296.813`.

A 20% lighter version of the original color is `92, 7.758, 252.545`, and `52, 8.189, 257.804` is the 20% darker color. If you saturate the color by 10%, you get `68, 13.840, 256.554`, and if you desaturate by 10%, it is `76, 1.911, 253.781`.

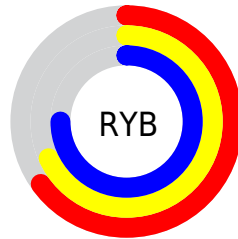
Distribution



Red (65%)

Green (70%)

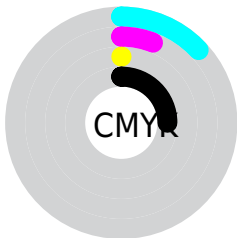
Blue (75%)



Red (65%)

Yellow (68%)

Blue (75%)

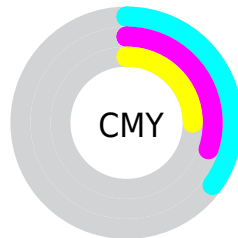


Cyan (13%)

Magenta (6%)

Yellow (0%)

Black (25%)



Cyan (35%)

Magenta (30%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 7.921, 254.989 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, 7.921, 254.989 by changing the saturation by 10% instead.

■ 72, 7.921, 254.989

■ 72, 7.921, 254.989

■ 100, 7.921,
254.989

■ 62, 7.921, 254.989

■ 92, 7.921, 254.989

■ 52, 7.921, 254.989

■ 42, 7.921, 254.989

■ 32, 7.921, 254.989

■ 22, 7.921, 254.989

■ 12, 7.921, 254.989

■ 2, 7.921, 254.989

■ 0, 7.921, 254.989

■ 72, 7.921, 254.989

■ 72, 7.921, 254.989

68, 13.840,
256.554

76, 1.911, 253.781

64, 19.643,
258.451

80, 4.159, 72.362

61, 25.306,
260.722

84, 10.267, 71.446

57, 30.816,
263.426

87, 16.390, 70.628

54, 36.183,
266.616

91, 21.233, 74.202

50, 41.447,
270.317

93, 23.567, 87.278

47, 46.681,
274.495

95, 26.885, 97.459

44, 51.986,
279.032

98, 30.844,
105.112

42, 55.739,

99, 32.617,
107.695

Harmonies

Complementary

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



72, 7.921, 254.989



73, 8.216, 71.612

Rectangle

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



72, 7.921, 254.989



72, 7.921, 304.989



72, 7.921, 74.989



72, 7.921, 124.989

Sweetspot

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



72, 7.920, 254.978



95, 3.004, 253.851



75, 11.770, 160.849



51, 2.151, 253.924



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, 7.920, 254.978



90, 11.906, 255.436



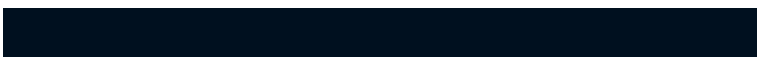
69, 13.295, 290.241



38, 3.402, 254.459



35, 47.967, 281.425



4, 11.323, 266.733

Inverse Universe

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



70, 11.834, 343.641



87, 17.886, 343.926



76, 12.930, 107.524



37, 5.048, 343.299



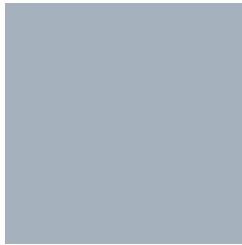
34, 59.593, 359.576



3, 14.111, 350.424

Previews

White Background



This preview shows how the CIELCh color 72, 7.921, 254.989 looks on a white background.

Color Contrast Check

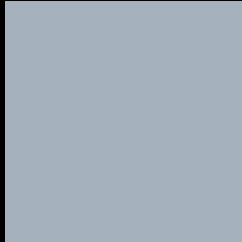
Large Text (above 18pt) WCAG AA × Fail

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, 7.921, 254.989 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

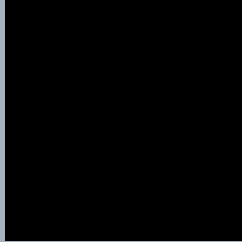
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

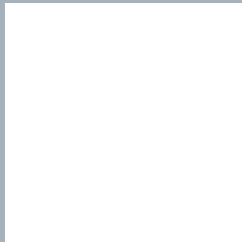
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 7.921, 254.989

Background



This preview shows how black text looks on a background with the CIELCh color 72, 7.921, 254.989.



This preview shows how white text looks on a background with the CIELCh color 72, 7.921, 254.989.

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

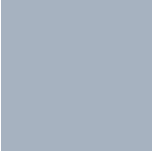
72, 7.921, 254.989

Protanopia

72, 7.103, 293.810

Deuteranopia

72, 12.756, 316.627



Tritanopia
72, 8.644, 261.352

Trichromacy



Original Color
72, 7.921, 254.989

Protanomaly
72, 7.202, 279.314

Deuteranomaly
72, 9.407, 299.933

Tritanomaly
72, 8.181, 259.360

Monochromacy



Original Color
72, 7.921, 254.989

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 2.830, 249.880

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 7.921, 254.989 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, 190)` looks like.

```
.text, #text, p{  
    color:rgb(165, 178, 190)  
}
```

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, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 178, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 7.921, 254.989 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, 190) }
```

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

```
.border{ border-color:rgb(165, 178, 190) }
```

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, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 178, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 178, 190);  
box-shadow:4px 4px 4px 4px rgb(165, 178,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 7.921, 254.989 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, 190) }
```

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

```
.background{ background-color: rgb(165,  
178, 190) }
```

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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