

Converting Colors

CIELCh(72, 3.349, 208.654)

Have a look what the booklet for
CIELCh(72, 3.349, 208.654) contains.

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Color

CIELCh(72, 3.349, 208.654)

Conversions

Conversions Part 1	
Format	Color
Hex	A9B2B3
RGB	169, 178, 179
RGB Percent	66%, 70%, 70%
CMY	0.3363, 0.3010, 0.2971
CMYK	0.06, 0.01, 0.00, 0.30
HSL	186°, 6%, 68%
HSV	186°, 6%, 70%
XYZ	40.5395, 43.6590, 49.0628
YIQ	175.4230, -5.6850, -1.5970

Conversions

Conversions Part 2

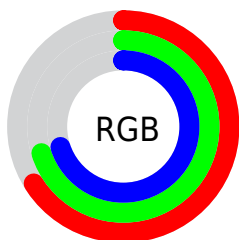
Format	Color
RYB	169, 174, 179
Decimal	11121331
CIELab	72.00, -2.94, -1.61
CIELCh	72, 3.349, 208.654
Yxy	43.6590, 0.3042, 0.3276
Android (android.graphics.Color)	4289311411 (0xFFA9B2B3)
YUV	175.4230, 1.7635, -5.6330
Hunter-Lab	66.0750, -6.1147, 2.2278

Details

The CIELCh color $72, 3.349, 208.654$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $70, 3.469, 28.564$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 3.535, 207.767$, and $52, 3.174, 209.765$ is the 20% darker color. If you saturate the color by 10%, you get $70, 9.105, 208.404$, and if you desaturate by 10%, it is $74, 2.710, 28.482$.

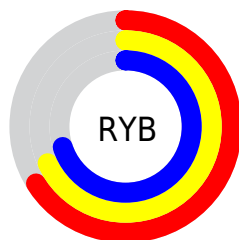
Distribution



Red (66%)

Green (70%)

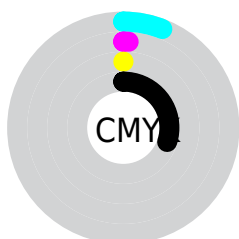
Blue (70%)



Red (66%)

Yellow (68%)

Blue (70%)

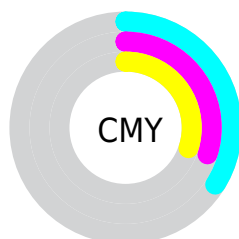


Cyan (6%)

Magenta (1%)

Yellow (0%)

Black (30%)



Cyan (34%)

Magenta (30%)

Yellow (30%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 3.349, 208.654 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, 3.349, 208.654 by changing the saturation by 10% instead.

 72, 3.349, 208.654

 72, 3.349, 208.654

 100, 3.349,
208.654

 62, 3.349, 208.654

 92, 3.349, 208.654

 52, 3.349, 208.654

 42, 3.349, 208.654

 32, 3.349, 208.654

 22, 3.349, 208.654

 12, 3.349, 208.654

 2, 3.349, 208.654


 0, 3.349, 208.654

 72, 3.349, 208.654

 72, 3.349, 208.654

 70, 9.105, 208.404

 74, 2.710, 28.482

 69, 14.468,
208.357


 76, 8.998, 28.872

 67, 19.345,
208.443


 78, 15.450, 29.198

 66, 23.638,
208.684


 80, 22.012, 29.542

 65, 27.257,
209.109


 82, 26.602, 32.366


 63, 30.131,
209.753

 83, 26.142, 34.547

 62, 32.217,
210.654

 84, 25.345, 39.135

 62, 33.523,
211.850

 61, 34.114,
213.368

Harmonies

Complementary

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



72, 3.349, 208.654



70, 3.469, 28.564

Rectangle

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



72, 3.349, 208.654



72, 3.349, 258.654



72, 3.349, 28.654



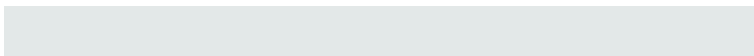
72, 3.349, 78.654

Sweetspot

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



72, 3.350, 208.625



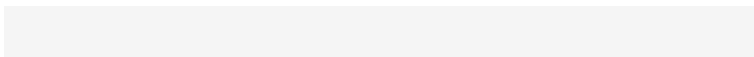
92, 1.493, 208.951



72, 6.274, 146.489



49, 0.856, 208.976



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



72, 3.350, 208.625



90, 5.164, 208.568



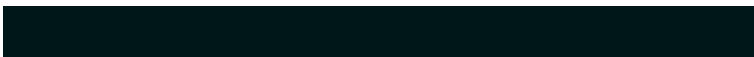
71, 3.518, 264.665



37, 2.698, 208.557



52, 30.523, 213.846



6, 8.002, 213.364

Inverse Universe

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



70, 6.220, 327.539



88, 9.632, 327.636



72, 3.528, 83.101



36, 5.038, 327.656



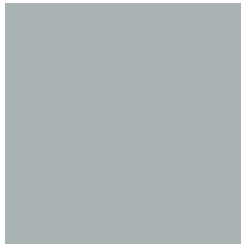
35, 73.071, 332.576



2, 14.680, 328.759

Previews

White Background



This preview shows how the CIELCh color 72, 3.349, 208.654 looks on a white background.

Color Contrast Check

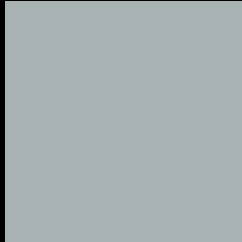
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 72, 3.349, 208.654 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

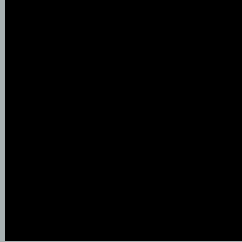
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

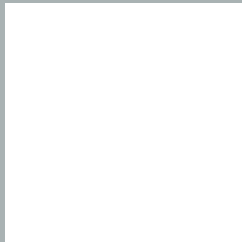
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 3.349, 208.654

Background



This preview shows how black text looks on a background with the CIELCh color 72, 3.349, 208.654.

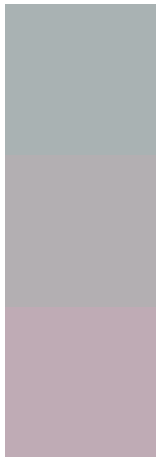


This preview shows how white text looks on a background with the CIELCh color 72, 3.349, 208.654.

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

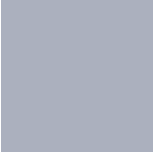
72, 3.349, 208.654

Protanopia

72, 2.234, 332.348

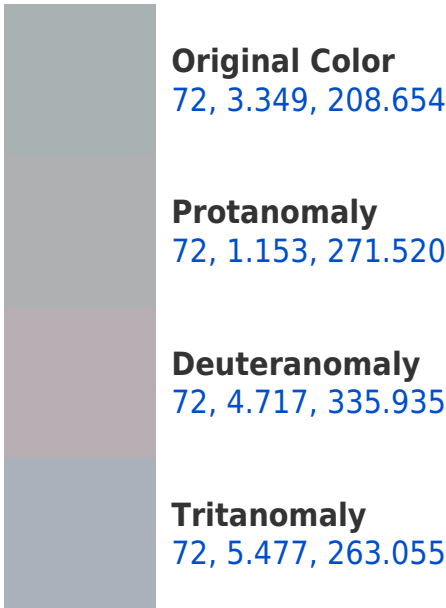
Deuteranopia

72, 9.305, 344.482

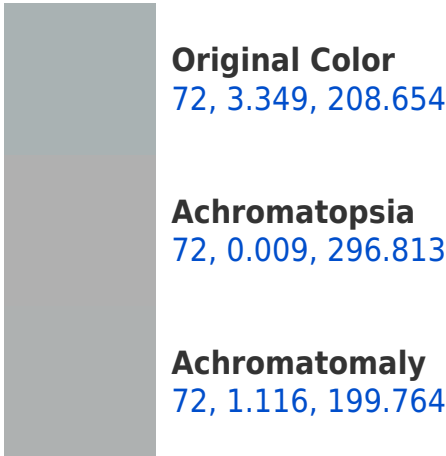


Tritanopia
72, 7.803, 277.608

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 3.349, 208.654 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(169, 178, 179)` looks like.

```
.text, #text, p{  
    color:rgb(169, 178, 179)  
}
```

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(169, 178, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 178, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 3.349, 208.654 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(169, 178, 179) }
```

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

```
.border{ border-color:rgb(169, 178, 179) }
```

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

Here you see how a box with a 4 pixel rgb(169, 178, 179) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 178, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 178, 179);  
box-shadow:4px 4px 4px 4px rgb(169, 178,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 3.349, 208.654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 178, 179) }
```

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

```
.background{ background-color: rgb(169,  
178, 179) }
```

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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