

Converting Colors

CIELCh(72, 5.351, 274.326)

Have a look what the booklet for
CIELCh(72, 5.351, 274.326) contains.

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Color

CIELCh(72, 5.196, 270.190)

Conversions

Conversions Part 1

Format	Color
Hex	ACB1BA
RGB	172, 177, 186
RGB Percent	67%, 69%, 73%
CMY	0.3262, 0.3066, 0.2713
CMYK	0.08, 0.05, 0.00, 0.27
HSL	219°, 9%, 70%
HSV	219°, 8%, 73%
XYZ	41.5023, 43.6590, 52.5903
YIQ	176.5310, -5.8690, 1.7390

Conversions

Conversions Part 2

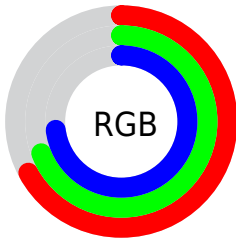
Format	Color
R_{YB}	172, 176, 186
Decimal	11317690
CIE _{Lab}	72.00, 0.02, -5.20
CIE _{LCh}	72, 5.196, 270.190
Yxy	43.6590, 0.3013, 0.3169
Android (android.graphics.Color)	4289507770 (0xFFACB1BA)
YUV	176.5310, 4.6682, -3.9737
Hunter-Lab	66.0750, -3.5139, -0.9376

Details

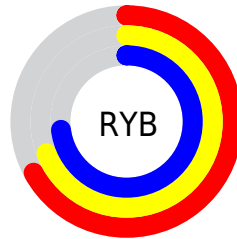
The CIELCh color `72, 5.196, 270.190` is a light color, and the websafe version is hex `999999`. A complement of this color would be `74, 5.200, 88.180`, and the grayscale version is `72, 0.009, 296.813`.

A 20% lighter version of the original color is `92, 5.069, 266.297`, and `52, 5.421, 274.363` is the 20% darker color. If you saturate the color by 10%, you get `67, 12.158, 271.620`, and if you desaturate by 10%, it is `77, 1.680, 88.715`.

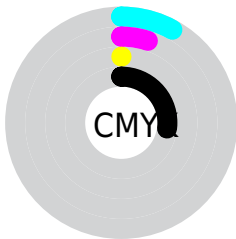
Distribution



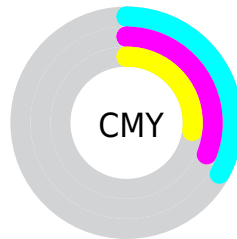
- Red (67%)
- Green (69%)
- Blue (73%)



- Red (67%)
- Yellow (69%)
- Blue (73%)



- Cyan (8%)
- Magenta (5%)
- Yellow (0%)
- Black (27%)



- Cyan (33%)
- Magenta (31%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 5.196, 270.190 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, 5.196, 270.190 by changing the saturation by 10% instead.

■ 72, 5.196, 270.190

■ 72, 5.196, 270.190

■ 100, 5.196,
270.190

■ 62, 5.196, 270.190

■ 92, 5.196, 270.190

■ 52, 5.196, 270.190

■ 42, 5.196, 270.190

■ 32, 5.196, 270.190

■ 22, 5.196, 270.190

■ 12, 5.196, 270.190

■ 2, 5.196, 270.190

■ 0, 5.196, 270.190

■ 72, 5.196, 270.190

■ 72, 5.196, 270.190

67, 12.158,
271.620

77, 1.680, 88.715

63, 19.210,
273.333

81, 8.463, 87.737

58, 26.352,
275.342

86, 15.149, 86.797

54, 33.597,
277.691

90, 21.736, 85.968

49, 40.968,
280.413

94, 26.918, 92.698

45, 48.499,
283.519

97, 31.784,
103.182

41, 56.228,
286.972

99, 34.781,
107.528

37, 64.156,
290.664

34, 72.201,

294.376

Harmonies

Complementary

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



72, 5.196, 270.190



74, 5.200, 88.180

Rectangle

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



72, 5.196, 270.190



72, 5.196, 320.190



72, 5.196, 90.190



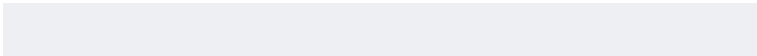
72, 5.196, 140.190

Sweetspot

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



72, 5.195, 270.174



94, 1.712, 269.581



74, 5.890, 170.910



51, 0.982, 269.578



98, 0.011, 296.813



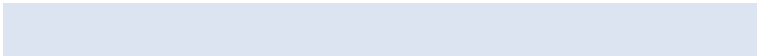
51, 0.007, 296.813

Same Dimension

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



72, 5.195, 270.174



90, 7.705, 270.389



71, 7.696, 296.005



36, 3.873, 270.413



27, 64.121, 294.686



3, 11.585, 276.551

Inverse Universe

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



72, 5.962, 352.727



90, 8.861, 352.895



75, 7.561, 114.842



36, 4.455, 352.914



32, 59.095, 14.974



2, 11.431, 358.698

Previews

White Background



This preview shows how the CIELCh color 72, 5.196, 270.190 looks on a white background.

Color Contrast Check

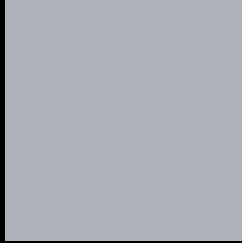
Large Text (above 18pt) WCAG AA × Fail

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, 5.196, 270.190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

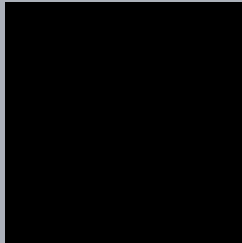
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

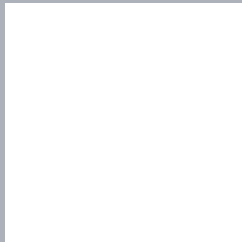
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 5.196, 270.190

Background



This preview shows how black text looks on a background with the CIELCh color 72, 5.196, 270.190.



This preview shows how white text looks on a background with the CIELCh color 72, 5.196, 270.190.

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

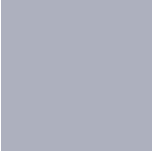
72, 5.196, 270.190

Protanopia

72, 5.514, 298.362

Deuteranopia

72, 11.021, 328.135



Tritanopia
72, 7.684, 282.836

Trichromacy



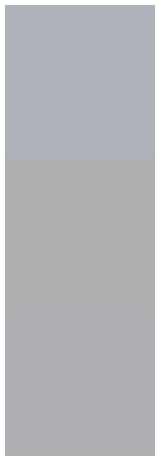
Original Color
72, 5.196, 270.190

Protanomaly
72, 4.913, 286.398

Deuteranomaly
72, 8.516, 316.474

Tritanomaly
72, 6.609, 281.359

Monochromacy



Original Color
72, 5.196, 270.190

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 2.295, 271.631

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 5.196, 270.190 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(172, 177, 186)` looks like.

```
.text, #text, p{  
    color:rgb(172, 177, 186)  
}
```

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(172, 177, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 177, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 5.196, 270.190 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(172, 177, 186) }
```

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

```
.border{ border-color:rgb(172, 177, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 177, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 177, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 177, 186);  
box-shadow:4px 4px 4px 4px rgb(172, 177,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 5.196, 270.190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 177, 186) }
```

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

```
.background{ background-color: rgb(172,  
177, 186) }
```

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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