

Converting Colors

CIELCh(72, 5.931, 265.119)

Have a look what the booklet for
CIELCh(72, 5.931, 265.119) contains.

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Color

CIELCh(72, 5.961, 265.580)

Conversions

Conversions Part 1

Format	Color
Hex	AAB1BB
RGB	170, 177, 187
RGB Percent	67%, 69%, 73%
CMY	0.3328, 0.3053, 0.2661
CMYK	0.09, 0.05, 0.00, 0.27
HSL	215°, 11%, 70%
HSV	215°, 9%, 73%
XYZ	41.3460, 43.6590, 53.3453
YIQ	176.0470, -7.3820, 1.6260

Conversions

Conversions Part 2

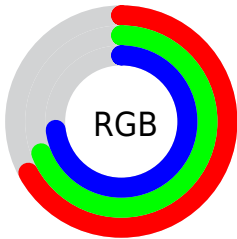
Format	Color
RYB	170, 175, 187
Decimal	11186619
CIELab	72.00, -0.46, -5.94
CIELCh	72, 5.961, 265.580
Yxy	43.6590, 0.2989, 0.3156
Android (android.graphics.Color)	4289376699 (0xFFAAB1BB)
YUV	176.0470, 5.3998, -5.3032
Hunter-Lab	66.0750, -3.9360, -1.6150

Details

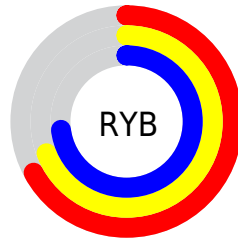
The CIELCh color $72, 5.961, 265.580$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $74, 6.013, 83.134$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 5.822, 262.229$, and $52, 6.200, 269.235$ is the 20% darker color. If you saturate the color by 10%, you get $68, 12.544, 267.075$, and if you desaturate by 10%, it is $76, 0.590, 83.722$.

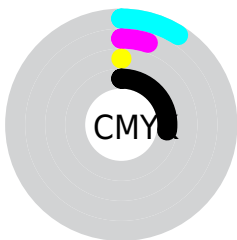
Distribution



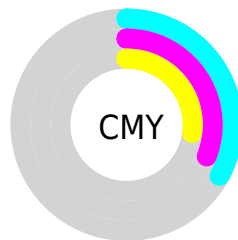
- Red (67%)
- Green (69%)
- Blue (73%)



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



- Cyan (9%)
- Magenta (5%)
- Yellow (0%)
- Black (27%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 5.961, 265.580 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, 5.961, 265.580 by changing the saturation by 10% instead.

■ 72, 5.961, 265.580

■ 72, 5.961, 265.580

■ 100, 5.961,
265.580

■ 62, 5.961, 265.580

■ 92, 5.961, 265.580

■ 52, 5.961, 265.580

■ 42, 5.961, 265.580

■ 32, 5.961, 265.580

■ 22, 5.961, 265.580

■ 12, 5.961, 265.580

■ 2, 5.961, 265.580

■ 0, 5.961, 265.580

■ 72, 5.961, 265.580

■ 72, 5.961, 265.580

68, 12.544,
267.075

76, 0.590, 83.722

63, 19.152,
268.867

81, 7.095, 83.033

59, 25.781,
270.978

85, 13.547, 82.072

55, 32.435,
273.455

89, 19.935, 81.224

51, 39.132,
276.337

93, 24.786, 87.436

47, 45.911,
279.639

96, 28.850, 98.859

43, 52.822,
283.324

98, 33.741,
107.078

39, 59.910,
287.286

99, 34.121,
107.579

36, 67.179,

291.266

Harmonies

Complementary

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



72, 5.961, 265.580



74, 6.013, 83.134

Rectangle

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



72, 5.961, 265.580



72, 5.961, 315.580



72, 5.961, 85.580



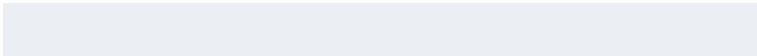
72, 5.961, 135.580

Sweetspot

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



72, 5.960, 265.565



94, 2.429, 264.843



74, 7.385, 167.660



50, 1.855, 264.918



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, 5.960, 265.565



90, 8.902, 265.858



70, 9.338, 294.253



38, 3.743, 265.603



30, 59.085, 291.053



3, 12.577, 274.649

Inverse Universe

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



71, 7.490, 349.442



89, 11.219, 349.650



75, 9.143, 112.703



37, 4.706, 349.469



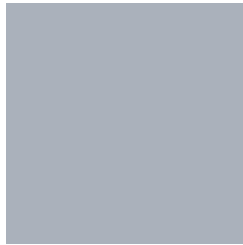
33, 59.171, 9.841



3, 13.358, 356.677

Previews

White Background



This preview shows how the CIELCh color 72, 5.961, 265.580 looks on a white background.

Color Contrast Check

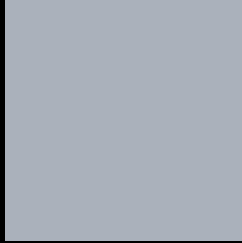
Large Text (above 18pt) WCAG AA × Fail

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, 5.961, 265.580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

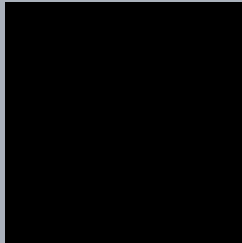
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

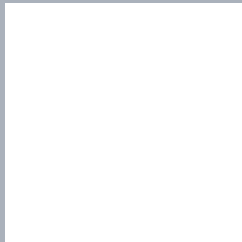
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 5.961, 265.580

Background



This preview shows how black text looks on a background with the CIELCh color 72, 5.961, 265.580.



This preview shows how white text looks on a background with the CIELCh color 72, 5.961, 265.580.

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, 5.961, 265.580

Protanopia

72, 6.054, 297.712

Deuteranopia

72, 11.242, 324.911



Tritanopia
72, 7.877, 275.067

Trichromacy



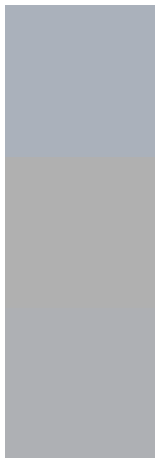
Original Color
72, 5.961, 265.580

Protanomaly
72, 5.456, 286.884

Deuteranomaly
72, 8.863, 312.797

Tritanomaly
72, 7.358, 273.820

Monochromacy



Original Color
72, 5.961, 265.580

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, 5.961, 265.580 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(170, 177, 187)` looks like.

```
.text, #text, p{  
    color:rgb(170, 177, 187)  
}
```

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(170, 177, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 177, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 5.961, 265.580 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(170, 177, 187) }
```

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

```
.border{ border-color:rgb(170, 177, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 177, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 177, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 177, 187);  
box-shadow:4px 4px 4px 4px rgb(170, 177,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 5.961, 265.580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 177, 187) }
```

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

```
.background{ background-color: rgb(170,  
177, 187) }
```

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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