

Converting Colors

CIELCh(72, 4.161, 183.330)

Have a look what the booklet for
CIELCh(72, 4.161, 183.330) contains.

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Color

CIELCh(72, 4.223, 184.231)

Conversions

Conversions Part 1

Format	Color
Hex	A8B3B1
RGB	168, 179, 177
RGB Percent	66%, 70%, 69%
CMY	0.3417, 0.2986, 0.3064
CMYK	0.06, 0.00, 0.01, 0.30
HSL	169°, 7%, 68%
HSV	169°, 6%, 70%
XYZ	40.1297, 43.6590, 47.8307
YIQ	175.4830, -5.9140, -2.9540

Conversions

Conversions Part 2

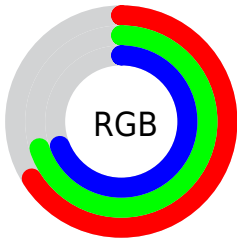
Format	Color
RYB	168, 174, 179
Decimal	11056049
CIELab	72.00, -4.21, -0.31
CIELCh	72, 4.223, 184.231
Yxy	43.6590, 0.3049, 0.3317
Android (android.graphics.Color)	4289246129 (0xFFA8B3B1)
YUV	175.4830, 0.7479, -6.5626
Hunter-Lab	66.0750, -7.2218, 3.3333

Details

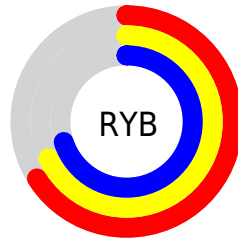
The CIELCh color $72, 4.223, 184.231$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $70, 4.335, 5.071$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 4.357, 185.521$, and $52, 4.118, 182.664$ is the 20% darker color. If you saturate the color by 10%, you get $71, 10.934, 183.259$, and if you desaturate by 10%, it is $73, 2.677, 4.776$.

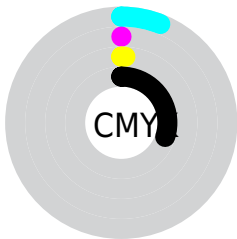
Distribution



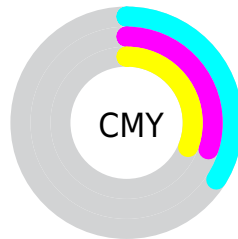
- Red (66%)
- Green (70%)
- Blue (69%)



- Red (66%)
- Yellow (68%)
- Blue (70%)



- Cyan (6%)
- Magenta (0%)
- Yellow (1%)
- Black (30%)



- Cyan (34%)
- Magenta (30%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 4.223, 184.231 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, 4.223, 184.231 by changing the saturation by 10% instead.

■ 72, 4.223, 184.231

■ 72, 4.223, 184.231

■ 100, 4.223,
184.231

■ 62, 4.223, 184.231

■ 92, 4.223, 184.231

■ 52, 4.223, 184.231

■ 42, 4.223, 184.231

■ 32, 4.223, 184.231

■ 22, 4.223, 184.231

■ 12, 4.223, 184.231

■ 2, 4.223, 184.231

■ 0, 4.223, 184.231

■ 72, 4.223, 184.231

■ 72, 4.223, 184.231

71, 10.934,
183.259

73, 2.677, 4.776

69, 17.353,
182.314

75, 9.686, 5.725

68, 23.373,
181.326

77, 16.736, 6.541

68, 28.880,
180.275

80, 29.895, 7.563

67, 33.766,
179.143

80, 30.180, 4.359

66, 37.939,
177.910

81, 30.565, 1.230

66, 41.344,
176.552

81, 31.046,
358.193

65, 43.971,
175.049

81, 31.619,
355.265

65, 45.886,

173.392

Harmonies

Complementary

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



72, 4.223, 184.231



70, 4.335, 5.071

Rectangle

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



72, 4.223, 184.231



72, 4.223, 234.231



72, 4.223, 4.231



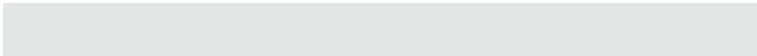
72, 4.223, 54.231

Sweetspot

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



72, 4.224, 184.214



92, 1.703, 184.795



72, 6.901, 139.057



49, 0.976, 184.823



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, 4.224, 184.214



91, 5.934, 184.115



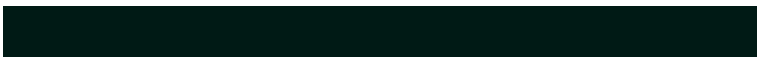
71, 3.328, 234.241



37, 3.102, 184.081



56, 41.365, 172.984



7, 9.826, 178.871

Inverse Universe

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



70, 4.335, 5.071



88, 6.112, 5.177



71, 3.428, 53.053



36, 3.199, 5.213



31, 63.725, 29.912



2, 9.370, 7.882

Previews

White Background



This preview shows how the CIELCh color 72, 4.223, 184.231 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, 4.223, 184.231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

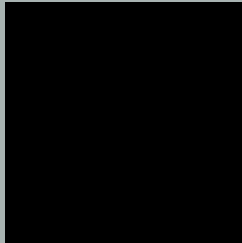
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

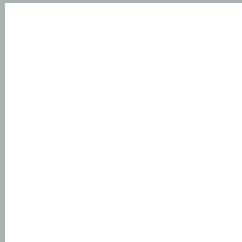
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 4.223, 184.231

Background



This preview shows how black text looks on a background with the CIELCh color 72, 4.223, 184.231.



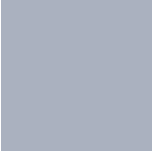
This preview shows how white text looks on a background with the CIELCh color 72, 4.223, 184.231.

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](#).

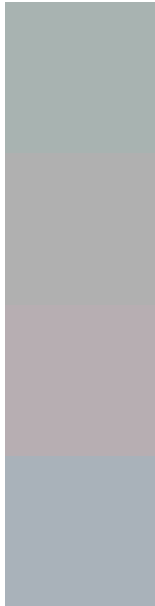
Dichromacy





Tritanopia
72, 7.974, 272.595

Trichromacy



Original Color
72, 4.223, 184.231

Protanomaly
72, 0.009, 296.813

Deuteranomaly
72, 4.040, 347.077

Tritanomaly
72, 5.387, 253.374

Monochromacy



Original Color
72, 4.223, 184.231

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 1.488, 199.618

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 4.223, 184.231 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(168, 179, 177)` looks like.

```
.text, #text, p{  
    color:rgb(168, 179, 177)  
}
```

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(168, 179, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 179, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 4.223, 184.231 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(168, 179, 177) }
```

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

```
.border{ border-color:rgb(168, 179, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 179, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 179, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 179, 177);  
box-shadow:4px 4px 4px 4px rgb(168, 179,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 4.223, 184.231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 179, 177) }
```

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

```
.background{ background-color: rgb(168,  
179, 177) }
```

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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