

Converting Colors

CIELCh(72, 6.569, 147.469)

Have a look what the booklet for
CIELCh(72, 6.569, 147.469) contains.

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Color

CIELCh(72, 6.201, 146.987)

Conversions

Conversions Part 1

Format	Color
Hex	A9B3AA
RGB	169, 179, 170
RGB Percent	66%, 70%, 67%
CMY	0.3367, 0.2974, 0.3328
CMYK	0.06, 0.00, 0.05, 0.30
HSL	126°, 6%, 68%
HSV	126°, 6%, 70%
XYZ	39.8133, 43.6590, 44.4319
YIQ	174.9840, -3.0710, -4.9190

Conversions

Conversions Part 2

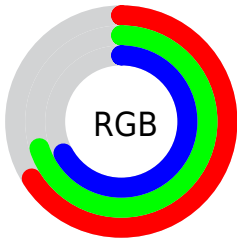
Format	Color
RYB	169, 178, 179
Decimal	11121578
CIELab	72.00, -5.20, 3.38
CIELCh	72, 6.201, 146.987
Yxy	43.6590, 0.3113, 0.3413
Android (android.graphics.Color)	4289311658 (0xFFA9B3AA)
YUV	174.9840, -2.4571, -5.2480
Hunter-Lab	66.0750, -8.0765, 6.3832

Details

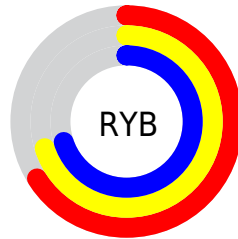
The CIELCh color $72, 6.201, 146.987$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $70, 6.220, 327.547$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 6.518, 146.771$, and $52, 5.911, 147.233$ is the 20% darker color. If you saturate the color by 10%, you get $70, 17.422, 146.297$, and if you desaturate by 10%, it is $74, 4.875, 327.458$.

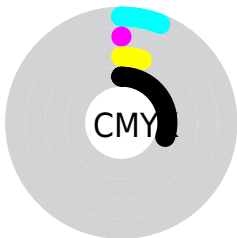
Distribution



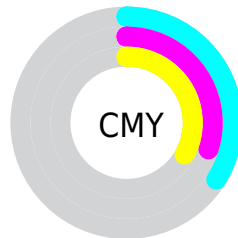
- Red (66%)
- Green (70%)
- Blue (67%)



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



- Cyan (6%)
- Magenta (0%)
- Yellow (5%)
- Black (30%)



- Cyan (34%)
- Magenta (30%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 6.201, 146.987 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, 6.201, 146.987 by changing the saturation by 10% instead.

■ 72, 6.201, 146.987

■ 72, 6.201, 146.987

■ 100, 6.201,
146.987

■ 62, 6.201, 146.987

■ 92, 6.201, 146.987

■ 52, 6.201, 146.987

■ 42, 6.201, 146.987

■ 32, 6.201, 146.987

■ 22, 6.201, 146.987

■ 12, 6.201, 146.987

■ 2, 6.201, 146.987

■ 0, 6.201, 146.987

■ 72, 6.201, 146.987

■ 72, 6.201, 146.987

70, 17.422,
146.297

74, 4.875, 327.458

69, 28.656,
145.517

76, 15.723,
327.980

68, 39.736,
144.614

78, 26.283,
328.404

66, 50.447,
143.575

80, 36.519,
328.767

66, 60.532,
142.402

82, 45.742,
327.659

65, 69.692,
141.114

82, 47.490,
326.067

64, 77.608,
139.765

64, 83.950,
138.448

64, 88.443,

137.294

Harmonies

Complementary

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



72, 6.201, 146.987



70, 6.220, 327.547

Rectangle

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



72, 6.201, 146.987



72, 6.201, 196.987



72, 6.201, 326.987



72, 6.201, 16.987

Sweetspot

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



72, 6.203, 146.986



92, 2.728, 147.272



73, 5.424, 112.993



49, 1.563, 147.284



96, 0.011, 296.813



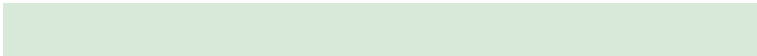
49, 0.007, 296.813

Same Dimension

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



72, 6.203, 146.986



90, 9.608, 146.882



72, 4.381, 168.010



37, 5.025, 146.860



55, 79.734, 137.072



7, 15.421, 146.595

Inverse Universe

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



70, 6.220, 327.547



88, 9.631, 327.644



70, 4.433, 348.795



36, 5.037, 327.665



35, 73.056, 332.589



2, 14.676, 328.771

Previews

White Background



This preview shows how the CIELCh color 72, 6.201, 146.987 looks on a white background.

Color Contrast Check

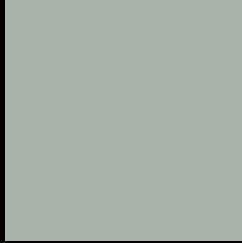
Large Text (above 18pt) WCAG AA × Fail

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, 6.201, 146.987 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

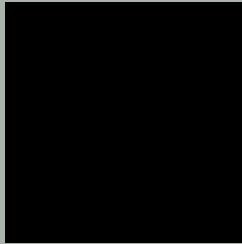
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

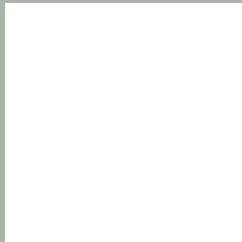
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 6.201, 146.987

Background



This preview shows how black text looks on a background with the CIELCh color 72, 6.201, 146.987.



This preview shows how white text looks on a background with the CIELCh color 72, 6.201, 146.987.

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](#).

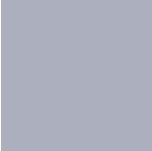
Dichromacy



Original Color
72, 6.201, 146.987

Protanopia
72, 4.727, 85.858

Deuteranopia
72, 9.668, 13.787



Tritanopia
72, 7.735, 280.198

Trichromacy



Original Color
72, 6.201, 146.987

Protanomaly
72, 4.335, 109.738

Deuteranomaly
72, 5.079, 32.043

Tritanomaly
72, 3.905, 256.329

Monochromacy



Original Color
72, 6.201, 146.987

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 2.651, 144.407

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 6.201, 146.987 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, 179, 170)` looks like.

```
.text, #text, p{  
    color:rgb(169, 179, 170)  
}
```

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, 179, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 179, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 6.201, 146.987 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, 179, 170) }
```

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

```
.border{ border-color:rgb(169, 179, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 179, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 179, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 179, 170);  
box-shadow:4px 4px 4px 4px rgb(169, 179,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 6.201, 146.987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 179, 170) }
```

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

```
.background{ background-color: rgb(169,  
179, 170) }
```

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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