

Converting Colors

CIELCh(72, 5.936, 201.333)

Have a look what the booklet for
CIELCh(72, 5.936, 201.333) contains.

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Color

CIELCh(72, 6.195, 198.979)

Conversions

Conversions Part 1

Format	Color
Hex	A3B4B4
RGB	163, 180, 180
RGB Percent	64%, 71%, 71%
CMY	0.3612, 0.2946, 0.2946
CMYK	0.09, 0.00, 0.00, 0.29
HSL	180°, 10%, 67%
HSV	180°, 9%, 71%
XYZ	39.6035, 43.6590, 49.4563
YIQ	174.9170, -10.1320, -3.6040

Conversions

Conversions Part 2

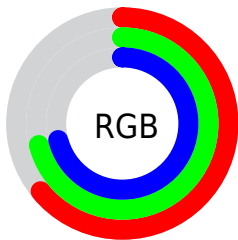
Format	Color
RYB	163, 172, 180
Decimal	10728628
CIELab	72.00, -5.86, -2.01
CIELCh	72, 6.195, 198.979
Yxy	43.6590, 0.2984, 0.3290
Android (android.graphics.Color)	4288918708 (0xFFA3B4B4)
YUV	174.9170, 2.5059, -10.4512
Hunter-Lab	66.0750, -8.6434, 1.8747

Details

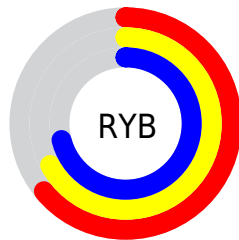
The CIELCh color **72, 6.195, 198.979** is a light color, and the websafe version is hex **999999**. A complement of this color would be **68, 6.571, 19.910**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 6.261, 199.085**, and **52, 6.170, 198.817** is the 20% darker color. If you saturate the color by 10%, you get **71, 12.398, 198.421**, and if you desaturate by 10%, it is **73, 0.369, 18.042**.

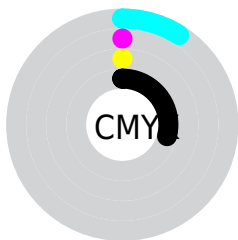
Distribution



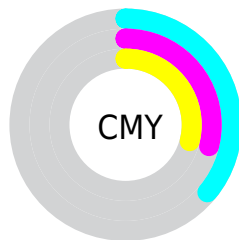
- Red (64%)
- Green (71%)
- Blue (71%)



- Red (64%)
- Yellow (67%)
- Blue (71%)



- Cyan (9%)
- Magenta (0%)
- Yellow (0%)
- Black (29%)



- Cyan (36%)
- Magenta (29%)
- Yellow (29%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 6.195, 198.979 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, 6.195, 198.979 by changing the saturation by 10% instead.

 72, 6.195, 198.979

 72, 6.195, 198.979

 100, 6.195,
198.979

 62, 6.195, 198.979

 92, 6.195, 198.979

 52, 6.195, 198.979

 42, 6.195, 198.979

 32, 6.195, 198.979

 22, 6.195, 198.979

 12, 6.195, 198.979

 2, 6.195, 198.979

 0, 6.195, 198.979

 72, 6.195, 198.979

 72, 6.195, 198.979

71, 12.398,
198.421

73, 0.369, 18.042

70, 18.133,
197.950

75, 7.203, 19.923

69, 23.296,
197.538

76, 14.224, 20.550

68, 27.787,
197.187

78, 21.362, 21.170

68, 31.522,
196.899

80, 28.561, 21.794

67, 34.446,
196.676

80, 29.433, 21.867

67, 36.545,
196.517

80, 29.433, 21.864

67, 37.851,
196.418

80, 29.433, 21.861

66, 38.538,

80, 29.433, 21.858

Harmonies

Complementary

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



72, 6.195, 198.979



68, 6.571, 19.910

Rectangle

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



72, 6.195, 198.979



72, 6.195, 248.979



72, 6.195, 18.979



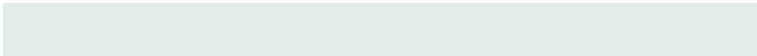
72, 6.195, 68.979

Sweetspot

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



72, 6.196, 198.965



92, 2.477, 199.476



72, 11.259, 143.483



49, 1.873, 199.381



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, 6.196, 198.965



91, 8.909, 198.862



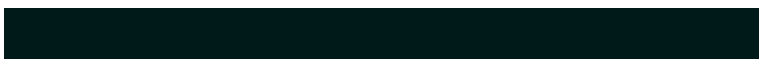
70, 5.470, 254.851



37, 3.691, 198.973



57, 34.230, 196.363



7, 9.138, 199.083

Inverse Universe

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



68, 6.571, 19.910



86, 9.555, 20.047



71, 5.604, 72.414



35, 3.911, 19.900



31, 70.924, 39.520



2, 9.156, 19.395

Previews

White Background



This preview shows how the CIELCh color 72, 6.195, 198.979 looks on a white background.

Color Contrast Check

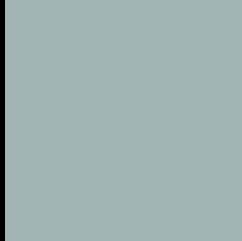
Large Text (above 18pt) WCAG AA × Fail

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, 6.195, 198.979 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

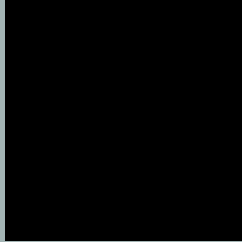
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

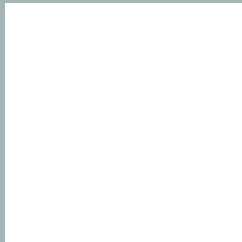
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 6.195, 198.979

Background



This preview shows how black text looks on a background with the CIELCh color 72, 6.195, 198.979.



This preview shows how white text looks on a background with the CIELCh color 72, 6.195, 198.979.

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

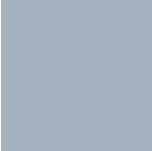
72, 6.195, 198.979

Protanopia

72, 1.868, 343.630

Deuteranopia

72, 9.626, 341.844



Tritanopia
72, 8.813, 259.348

Trichromacy



Original Color
72, 6.195, 198.979

Protanomaly
72, 1.574, 219.858

Deuteranomaly
72, 4.649, 324.600

Tritanomaly
72, 7.181, 242.267

Monochromacy



Original Color
72, 6.195, 198.979

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 2.224, 199.446

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 6.195, 198.979 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(163, 180, 180)` looks like.

```
.text, #text, p{  
    color:rgb(163, 180, 180)  
}
```

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(163, 180, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 180, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 6.195, 198.979 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(163, 180, 180) }
```

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

```
.border{ border-color:rgb(163, 180, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 180, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 180, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 180, 180);  
box-shadow:4px 4px 4px 4px rgb(163, 180,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 6.195, 198.979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 180, 180) }
```

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

```
.background{ background-color: rgb(163,  
180, 180) }
```

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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