

Converting Colors

CIELCh(72, 6.207, 203.949)

Have a look what the booklet for
CIELCh(72, 6.207, 203.949) contains.

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Color

CIELCh(72, 6.193, 204.041)

Conversions

Conversions Part 1

Format	Color
Hex	A3B4B5
RGB	163, 180, 181
RGB Percent	64%, 71%, 71%
CMY	0.3615, 0.2949, 0.2909
CMYK	0.10, 0.01, 0.00, 0.29
HSL	183°, 11%, 67%
HSV	183°, 10%, 71%
XYZ	39.6679, 43.6590, 49.9484
YIQ	175.0310, -10.4530, -3.2930

Conversions

Conversions Part 2

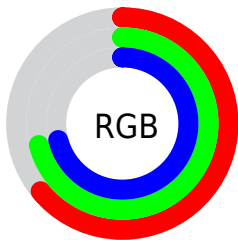
Format	Color
RYB	163, 172, 181
Decimal	10728629
CIELab	72.00, -5.66, -2.52
CIElCh	72, 6.193, 204.041
Yxy	43.6590, 0.2976, 0.3276
Android (android.graphics.Color)	4288918709 (0xFFA3B4B5)
YUV	175.0310, 2.9427, -10.5512
Hunter-Lab	66.0750, -8.4693, 1.4331

Details

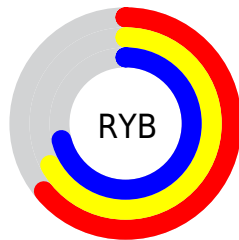
The CIELCh color **72, 6.193, 204.041** is a light color, and the websafe version is hex **999999**. A complement of this color would be **69, 6.599, 24.648**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 6.261, 203.836**, and **52, 6.163, 204.253** is the 20% darker color. If you saturate the color by 10%, you get **71, 12.060, 203.703**, and if you desaturate by 10%, it is **74, 0.031, 7.371**.

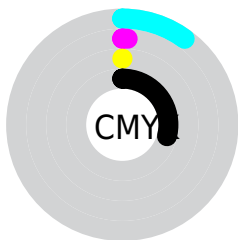
Distribution



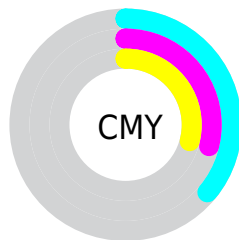
- Red (64%)
- Green (71%)
- Blue (71%)



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



- Cyan (10%)
- Magenta (1%)
- Yellow (0%)
- Black (29%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 6.193, 204.041 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, 6.193, 204.041 by changing the saturation by 10% instead.

■ 72, 6.193, 204.041

■ 72, 6.193, 204.041

■ 100, 6.193,
204.041

■ 62, 6.193, 204.041

■ 92, 6.193, 204.041

■ 52, 6.193, 204.041

■ 42, 6.193, 204.041

■ 32, 6.193, 204.041

■ 22, 6.193, 204.041

■ 12, 6.193, 204.041

■ 2, 6.193, 204.041

■ 0, 6.193, 204.041

■ 72, 6.193, 204.041

■ 72, 6.193, 204.041

71, 12.060,
203.703

74, 0.031, 7.371

69, 17.472,
203.483

75, 6.522, 24.603

68, 22.327,
203.365

77, 13.208, 25.073

67, 26.528,
203.361

81, 26.919, 26.023

66, 29.988,
203.490

82, 27.310, 27.060

65, 32.650,
203.770

82, 26.996, 28.184

65, 34.492,
204.218

82, 26.692, 29.335

64, 35.545,
204.848

82, 26.400, 30.513

64, 35.996,

Harmonies

Complementary

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



72, 6.193, 204.041



69, 6.599, 24.648

Rectangle

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



72, 6.193, 204.041



72, 6.193, 254.041



72, 6.193, 24.041



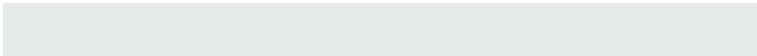
72, 6.193, 74.041

Sweetspot

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



72, 6.194, 204.026



92, 2.346, 204.443



72, 11.574, 145.239



49, 1.773, 204.359



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, 6.194, 204.026



91, 9.172, 203.942



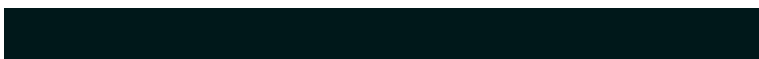
70, 6.120, 261.998



37, 3.493, 204.052



54, 31.852, 205.511



7, 8.428, 206.727

Inverse Universe

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



69, 11.550, 326.493



86, 17.228, 326.623



71, 6.215, 79.347



35, 6.501, 326.456



36, 75.619, 330.530



3, 15.354, 326.780

Previews

White Background



This preview shows how the CIELCh color 72, 6.193, 204.041 looks on a white background.

Color Contrast Check

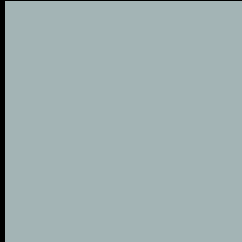
Large Text (above 18pt) WCAG AA × Fail

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, 6.193, 204.041 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

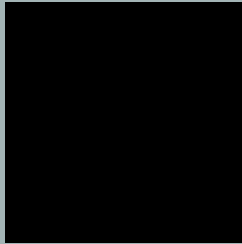
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

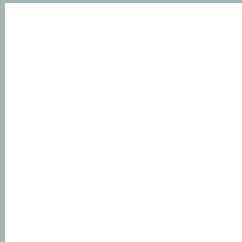
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 6.193, 204.041

Background



This preview shows how black text looks on a background with the CIELCh color 72, 6.193, 204.041.

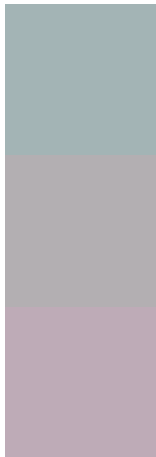


This preview shows how white text looks on a background with the CIELCh color 72, 6.193, 204.041.

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](#).

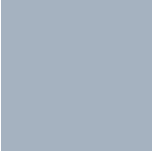
Dichromacy



Original Color
72, 6.193, 204.041

Protanopia
72, 2.234, 332.348

Deuteranopia
72, 9.686, 337.883



Tritanopia
72, 8.813, 259.348

Trichromacy



Original Color
72, 6.193, 204.041

Protanomaly
72, 1.827, 236.215

Deuteranomaly
72, 4.925, 317.442

Tritanomaly
72, 7.181, 242.267

Monochromacy



Original Color
72, 6.193, 204.041

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, 6.193, 204.041 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, 181)` looks like.

```
.text, #text, p{  
    color:rgb(163, 180, 181)  
}
```

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, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 180, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 6.193, 204.041 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, 181) }
```

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

```
.border{ border-color:rgb(163, 180, 181) }
```

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, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 180, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 180, 181);  
box-shadow:4px 4px 4px 4px rgb(163, 180,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 6.193, 204.041 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, 181) }
```

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

```
.background{ background-color: rgb(163,  
180, 181) }
```

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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