

Converting Colors

CIELCh(72, 12.268, 259.908)

Have a look what the booklet for
CIELCh(72, 12.268, 259.908)
contains.

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Color

CIELCh(72, 12.101, 258.153)

Conversions

Conversions Part 1

Format	Color
Hex	A0B3C6
RGB	160, 179, 198
RGB Percent	63%, 70%, 78%
CMY	0.3735, 0.2990, 0.2245
CMYK	0.19, 0.10, 0.00, 0.22
HSL	210°, 25%, 70%
HSV	210°, 19%, 78%
XYZ	40.6866, 43.6590, 59.5608
YIQ	175.4850, -17.4230, 1.8810

Conversions

Conversions Part 2

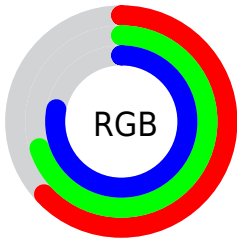
Format	Color
RYB	160, 173, 198
Decimal	10531782
CIELab	72.00, -2.48, -11.84
CIELCh	72, 12.101, 258.153
Yxy	43.6590, 0.2827, 0.3034
Android (android.graphics.Color)	4288721862 (0xFFA0B3C6)
YUV	175.4850, 11.0999, -13.5803
Hunter-Lab	66.0750, -5.7174, -7.1922

Details

The CIELCh color $72, 12.101, 258.153$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $74, 12.722, 73.036$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 12.168, 257.634$, and $52, 12.120, 259.045$ is the 20% darker color. If you saturate the color by 10%, you get $68, 18.282, 259.939$, and if you desaturate by 10%, it is $76, 5.833, 256.661$.

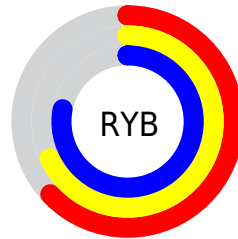
Distribution



Red (63%)

Green (70%)

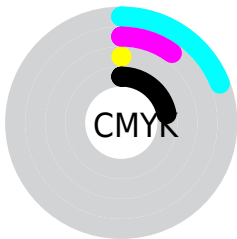
Blue (78%)



Red (63%)

Yellow (68%)

Blue (78%)

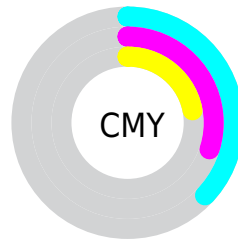


Cyan (19%)

Magenta (10%)

Yellow (0%)

Black (22%)



Cyan (37%)


Magenta (30%)


Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 12.101, 258.153 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, 12.101, 258.153 by changing the saturation by 10% instead.


 72, 12.101,
258.153


 72, 12.101,
258.153


 100, 12.101,
258.153


 62, 12.101,
258.153


 92, 12.101,
258.153

 52, 12.101,
258.153

 42, 12.101,
258.153

 32, 12.101,
258.153

 22, 12.101,
258.153

 12, 12.101,
258.153

 2, 12.101, 258.153

0, 12.101, 258.153

72, 12.101,
258.153

72, 12.101,
258.153

68, 18.282,
259.939

76, 5.833, 256.661

64, 24.357,
262.080

80, 0.493, 74.574

60, 30.312,
264.627

84, 6.855, 74.168

56, 36.151,
267.632

92, 18.776, 75.885

53, 41.905,
271.130

95, 21.615, 91.197

49, 47.638,
275.105

97, 25.598,
102.220

99, 28.853,

■ 46, 53.443,
279.467

107.985

■ 43, 59.425,
283.957

■ 43, 59.909,
284.291

Harmonies

Complementary

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



72, 12.101, 258.153



74, 12.722, 73.036

Rectangle

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



72, 12.101, 258.153



72, 12.101, 308.153



72, 12.101, 78.153



72, 12.101, 128.153

Sweetspot

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



72, 12.100, 258.147



97, 4.679, 256.269



77, 17.524, 161.127



51, 3.102, 256.348



0, 0.000, 0.000



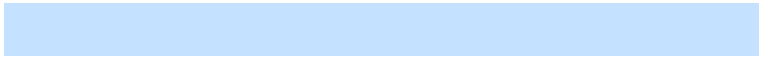
53, 0.007, 296.813

Same Dimension

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



72, 12.100, 258.147



89, 17.763, 258.849



67, 20.659, 291.676



40, 3.608, 256.684



35, 51.234, 283.604



5, 14.018, 270.302

Inverse Universe

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



70, 17.726, 345.303



85, 26.173, 345.716



79, 19.798, 107.636



39, 5.202, 344.380



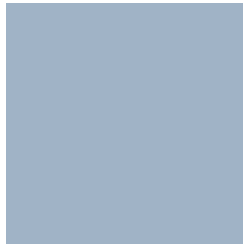
35, 60.737, 1.554



4, 17.858, 352.978

Previews

White Background



This preview shows how the CIELCh color 72, 12.101, 258.153 looks on a white background.

Color Contrast Check

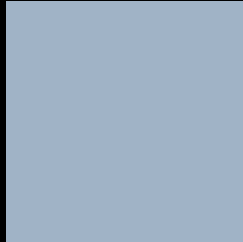
Large Text (above 18pt) WCAG AA × Fail

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, 12.101, 258.153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

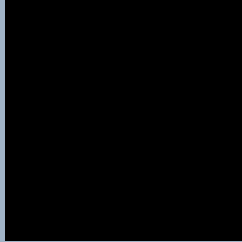
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

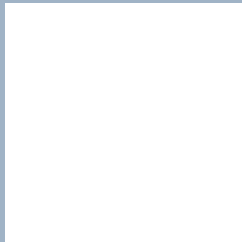
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 12.101, 258.153

Background



This preview shows how black text looks on a background with the CIELCh color 72, 12.101, 258.153.



This preview shows how white text looks on a background with the CIELCh color 72, 12.101, 258.153.

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](#).

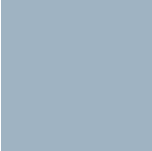
Dichromacy



Original Color
72, 12.101, 258.153

Protanopia
72, 10.900, 289.367

Deuteranopia
72, 15.303, 306.457



Tritanopia
72, 10.605, 249.655

Trichromacy



Original Color
72, 12.101, 258.153

Protanomaly
72, 11.119, 278.390

Deuteranomaly
72, 13.645, 292.986

Tritanomaly
72, 11.007, 251.639

Monochromacy



Original Color
72, 12.101, 258.153

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 4.553, 256.462

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 12.101, 258.153 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(160, 179, 198)` looks like.

```
.text, #text, p{  
    color:rgb(160, 179, 198)  
}
```

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(160, 179, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 179, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 12.101, 258.153 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(160, 179, 198) }
```

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

```
.border{ border-color:rgb(160, 179, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 179, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 179, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 179, 198);  
box-shadow:4px 4px 4px 4px rgb(160, 179,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 12.101, 258.153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 179, 198) }
```

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

```
.background{ background-color: rgb(160,  
179, 198) }
```

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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