

Converting Colors

CIELCh(72, 6.595, 187.618)

Have a look what the booklet for
CIELCh(72, 6.595, 187.618) contains.

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Color

CIELCh(72, 6.339, 189.052)

Conversions

Conversions Part 1

Format	Color
Hex	A3B4B2
RGB	163, 180, 178
RGB Percent	64%, 71%, 70%
CMY	0.3607, 0.2940, 0.3018
CMYK	0.09, 0.00, 0.01, 0.29
HSL	173°, 10%, 67%
HSV	173°, 9%, 71%
XYZ	39.4758, 43.6590, 48.4809
YIQ	174.6890, -9.4900, -4.2260

Conversions

Conversions Part 2

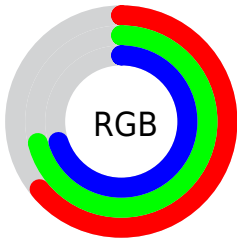
Format	Color
RYB	163, 172, 180
Decimal	10728626
CIELab	72.00, -6.26, -1.00
CIELCh	72, 6.339, 189.052
Yxy	43.6590, 0.2999, 0.3317
Android (android.graphics.Color)	4288918706 (0xFFA3B4B2)
YUV	174.6890, 1.6323, -10.2513
Hunter-Lab	66.0750, -8.9884, 2.7499

Details

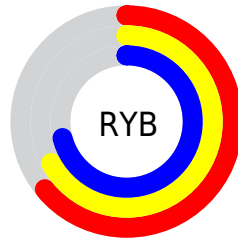
The CIELCh color $72, 6.339, 189.052$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $68, 6.638, 10.439$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 6.386, 189.738$, and $52, 6.342, 188.208$ is the 20% darker color. If you saturate the color by 10%, you get $71, 12.789, 188.197$, and if you desaturate by 10%, it is $73, 0.382, 8.462$.

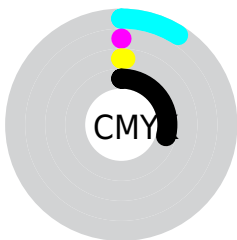
Distribution



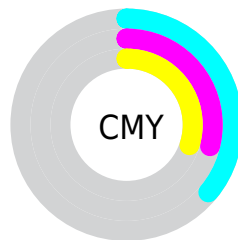
- Red (64%)
- Green (71%)
- Blue (70%)



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



- Cyan (9%)
- Magenta (0%)
- Yellow (1%)
- Black (29%)



- Cyan (36%)
- Magenta (29%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 6.339, 189.052 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, 6.339, 189.052 by changing the saturation by 10% instead.

■ 72, 6.339, 189.052

■ 72, 6.339, 189.052

■ 100, 6.339,
189.052

■ 62, 6.339, 189.052

■ 92, 6.339, 189.052

■ 52, 6.339, 189.052

■ 42, 6.339, 189.052

■ 32, 6.339, 189.052

■ 22, 6.339, 189.052

■ 12, 6.339, 189.052

■ 2, 6.339, 189.052

■ 0, 6.339, 189.052

■ 72, 6.339, 189.052

■ 72, 6.339, 189.052

71, 12.789,
188.197

73, 0.382, 8.462

70, 18.860,
187.361

75, 7.286, 10.456

69, 24.444,
186.505

77, 14.295, 11.249

68, 29.429,
185.615

80, 28.395, 12.745

81, 29.215, 10.885

67, 33.718,
184.679

81, 29.322, 8.723

67, 37.237,
183.679

81, 29.474, 6.582

81, 29.670, 4.467

66, 39.951,
182.596

66, 41.877,
181.412

66, 43.182,

Harmonies

Complementary

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



72, 6.339, 189.052



68, 6.638, 10.439

Rectangle

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



72, 6.339, 189.052



72, 6.339, 239.052



72, 6.339, 9.052



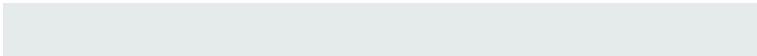
72, 6.339, 59.052

Sweetspot

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



72, 6.340, 189.040



92, 2.522, 189.705



72, 10.844, 140.323



49, 1.908, 189.593



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, 6.340, 189.040



91, 9.129, 188.889



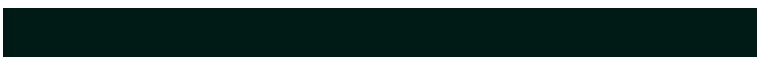
70, 5.144, 240.848



37, 3.776, 189.051



57, 38.293, 180.250



7, 9.469, 185.360

Inverse Universe

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



68, 6.638, 10.439



86, 9.640, 10.614



70, 5.362, 58.895



35, 3.951, 10.426



31, 66.448, 34.153



2, 9.252, 11.882

Previews

White Background



This preview shows how the CIELCh color 72, 6.339, 189.052 looks on a white background.

Color Contrast Check

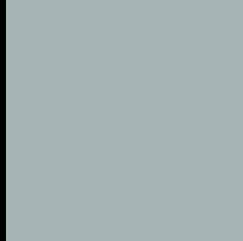
Large Text (above 18pt) WCAG AA × Fail

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, 6.339, 189.052 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

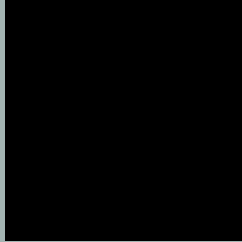
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

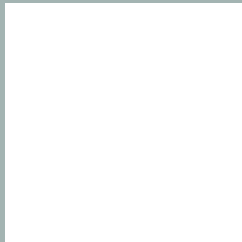
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 6.339, 189.052

Background



This preview shows how black text looks on a background with the CIELCh color 72, 6.339, 189.052.

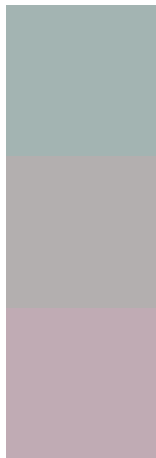


This preview shows how white text looks on a background with the CIELCh color 72, 6.339, 189.052.

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

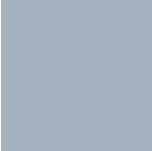
72, 6.339, 189.052

Protanopia

72, 1.505, 19.201

Deuteranopia

72, 9.328, 348.618



Tritanopia
72, 8.813, 259.348

Trichromacy



Original Color
72, 6.339, 189.052

Protanomaly
72, 1.590, 179.600

Deuteranomaly
72, 3.802, 333.888

Tritanomaly
72, 6.844, 238.747

Monochromacy



Original Color
72, 6.339, 189.052

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 2.301, 185.746

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 6.339, 189.052 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, 178)` looks like.

```
.text, #text, p{  
    color:rgb(163, 180, 178)  
}
```

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, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 180, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 6.339, 189.052 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, 178) }
```

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

```
.border{ border-color:rgb(163, 180, 178) }
```

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, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 180, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 180, 178);  
box-shadow:4px 4px 4px 4px rgb(163, 180,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 6.339, 189.052 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, 178) }
```

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

```
.background{ background-color: rgb(163,  
180, 178) }
```

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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