

Converting Colors

CIELCh(72, 5.487, 188.985)

Have a look what the booklet for
CIELCh(72, 5.487, 188.985) contains.

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Color

CIELCh(72, 5.632, 187.873)

Conversions

Conversions Part 1

Format	Color
Hex	A5B4B2
RGB	165, 180, 178
RGB Percent	65%, 71%, 70%
CMY	0.3543, 0.2955, 0.3034
CMYK	0.08, 0.00, 0.01, 0.30
HSL	172°, 9%, 68%
HSV	172°, 8%, 70%
XYZ	39.6924, 43.6590, 48.2661
YIQ	175.2870, -8.2980, -3.8020

Conversions

Conversions Part 2

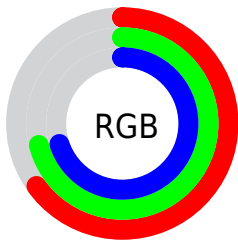
Format	Color
RYB	165, 173, 180
Decimal	10859698
CIELab	72.00, -5.58, -0.77
CIELCh	72, 5.632, 187.873
Yxy	43.6590, 0.3016, 0.3317
Android (android.graphics.Color)	4289049778 (0xFFA5B4B2)
YUV	175.2870, 1.3375, -9.0217
Hunter-Lab	66.0750, -8.4031, 2.9427

Details

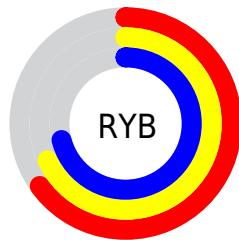
The CIELCh color $72, 5.632, 187.873$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $69, 5.858, 9.088$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 5.708, 188.683$, and $52, 5.601, 186.887$ is the 20% darker color. If you saturate the color by 10%, you get $71, 12.151, 186.985$, and if you desaturate by 10%, it is $73, 1.134, 8.151$.

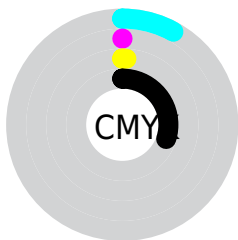
Distribution



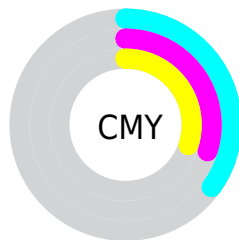
- Red (65%)
- Green (71%)
- Blue (70%)



- Red (65%)
- Yellow (68%)
- Blue (71%)



- Cyan (8%)
- Magenta (0%)
- Yellow (1%)
- Black (30%)



- Cyan (35%)
- Magenta (30%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 5.632, 187.873 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, 5.632, 187.873 by changing the saturation by 10% instead.

■ 72, 5.632, 187.873

■ 72, 5.632, 187.873

■ 100, 5.632,
187.873

■ 62, 5.632, 187.873

■ 92, 5.632, 187.873

■ 52, 5.632, 187.873

■ 42, 5.632, 187.873

■ 32, 5.632, 187.873

■ 22, 5.632, 187.873

■ 12, 5.632, 187.873

■ 2, 5.632, 187.873

■ 0, 5.632, 187.873

■ 72, 5.632, 187.873

■ 72, 5.632, 187.873

71, 12.151,
186.985

73, 1.134, 8.151

70, 18.316,
186.116

75, 8.063, 9.309

69, 24.018,
185.221

77, 15.079, 10.109

68, 29.147,
184.285

78, 22.122, 10.874

67, 33.600,
183.293

80, 29.146, 11.618

67, 37.297,
182.226

80, 29.454, 9.275

66, 40.199,
181.066

81, 29.616, 6.861

66, 42.313,
179.791

81, 29.833, 4.480

66, 43.765,

81, 30.106, 2.140

178.406

Harmonies

Complementary

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



72, 5.632, 187.873



69, 5.858, 9.088

Rectangle

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



72, 5.632, 187.873



72, 5.632, 237.873



72, 5.632, 7.873



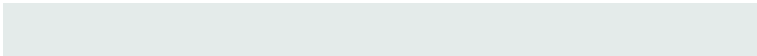
72, 5.632, 57.873

Sweetspot

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



72, 5.633, 187.860



92, 2.533, 188.438



72, 9.511, 139.908



49, 1.917, 188.325



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, 5.633, 187.860



91, 8.358, 187.695



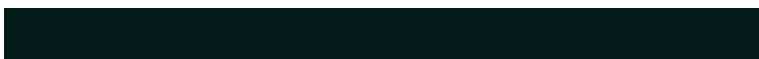
71, 4.529, 238.635



37, 3.796, 187.772



57, 38.997, 178.377



7, 9.547, 183.693

Inverse Universe

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



69, 5.858, 9.088



87, 8.765, 9.274



70, 4.705, 56.970



35, 3.965, 9.187



31, 65.781, 33.204



2, 9.276, 10.896

Previews

White Background



This preview shows how the CIELCh color 72, 5.632, 187.873 looks on a white background.

Color Contrast Check

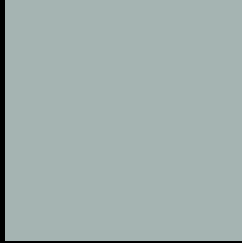
Large Text (above 18pt) WCAG AA × Fail

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, 5.632, 187.873 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

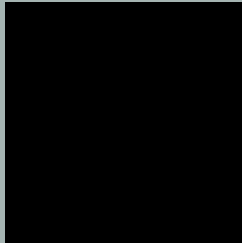
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

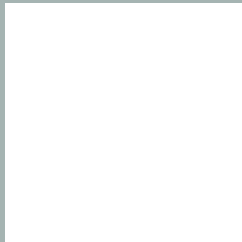
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 5.632, 187.873

Background



This preview shows how black text looks on a background with the CIELCh color 72, 5.632, 187.873.

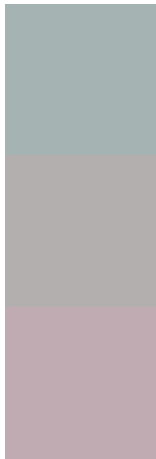


This preview shows how white text looks on a background with the CIELCh color 72, 5.632, 187.873.

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, 5.632, 187.873

Protanopia

72, 1.505, 19.201

Deuteranopia

72, 9.065, 351.561



Tritanopia
72, 8.485, 263.438

Trichromacy



Original Color
72, 5.632, 187.873

Protanomaly
72, 1.247, 173.882

Deuteranomaly
72, 4.072, 337.718

Tritanomaly
72, 6.318, 242.842

Monochromacy



Original Color
72, 5.632, 187.873

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, 5.632, 187.873 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(165, 180, 178)` looks like.

```
.text, #text, p{  
    color:rgb(165, 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(165, 180, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 180, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 5.632, 187.873 is called "border". The border property can be set on classes, ids or directly on the HTML element.

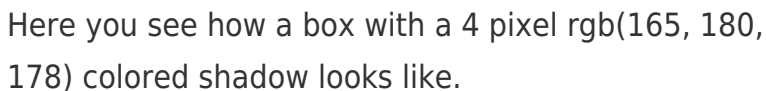
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(165, 180, 178) }
```

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

```
.border{ border-color:rgb(165, 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(165, 180, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 180, 178); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 180, 178); box-shadow:4px 4px 4px 4px rgb(165, 180, 178) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 5.632, 187.873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 180, 178) }
```

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

```
.background{ background-color: rgb(165,  
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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