

Converting Colors

CIELCh(66, 7.472, 11.573)

Have a look what the booklet for
CIELCh(66, 7.472, 11.573) contains.

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Color

CIELCh(66, 7.472, 11.573)

Conversions

Conversions Part 1

Format	Color
Hex	AF9C9E
RGB	175, 156, 158
RGB Percent	69%, 61%, 62%
CMY	0.3140, 0.3885, 0.3807
CMYK	0.00, 0.11, 0.10, 0.31
HSL	354°, 11%, 65%
HSV	354°, 11%, 69%
XYZ	35.7037, 35.3238, 37.2512
YIQ	161.9090, 10.6820, 4.6500

Conversions

Conversions Part 2

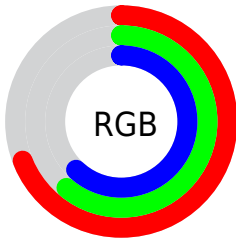
Format	Color
RYB	175, 156, 158
Decimal	11508894
CIELab	66.00, 7.32, 1.50
CIELCh	66, 7.472, 11.573
Yxy	35.3238, 0.3297, 0.3262
Android (android.graphics.Color)	4289698974 (0xFFAF9C9E)
YUV	161.9090, -1.9271, 11.4808
Hunter-Lab	59.4338, 3.2212, 4.4427

Details

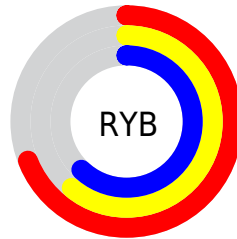
The CIELCh color **66, 7.472, 11.573** is a light color, and the websafe version is hex **999999**. A complement of this color would be **70, 7.075, 189.967**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 7.865, 8.441**, and **46, 7.216, 10.859** is the 20% darker color. If you saturate the color by 10%, you get **61, 14.811, 12.639**, and if you desaturate by 10%, it is **71, 0.574, 9.959**.

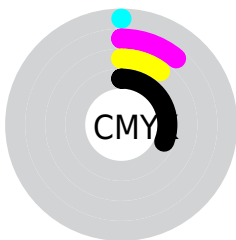
Distribution



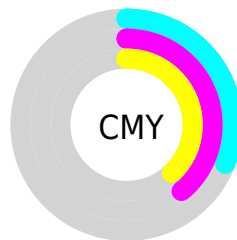
- Red (69%)
- Green (61%)
- Blue (62%)



- Red (69%)
- Yellow (61%)
- Blue (62%)



- Cyan (0%)
- Magenta (11%)
- Yellow (10%)
- Black (31%)



- Cyan (31%)
- Magenta (39%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 7.472, 11.573 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 66, 7.472, 11.573 by changing the saturation by 10% instead.

 66, 7.472, 11.573  66, 7.472, 11.573

 100, 7.472, 11.573  56, 7.472, 11.573

 86, 7.472, 11.573  46, 7.472, 11.573

 96, 7.472, 11.573  36, 7.472, 11.573

 26, 7.472, 11.573

 16, 7.472, 11.573

 6, 7.472, 11.573

 0, 7.472, 11.573

 66, 7.472, 11.573  66, 7.472, 11.573

 61, 14.811, 12.639  71, 0.574, 9.959

■ 56, 22.568, 13.907

■ 76, 5.887, 190.174

■ 52, 30.666, 15.480

■ 81, 11.937,
189.525

■ 48, 38.956, 17.465

■ 86, 17.611,
188.988

■ 44, 47.217, 19.985

■ 41, 55.175, 23.165

■ 91, 22.947,
188.522

■ 39, 62.562, 27.060

■ 95, 25.669,
194.180

■ 37, 69.144, 31.517

■ 36, 74.359, 35.391

■ 95, 25.407,
197.851

Harmonies

Complementary

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



66, 7.472, 11.573



70, 7.075, 189.967

Rectangle

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



66, 7.472, 11.573



66, 7.472, 61.573



66, 7.472, 191.573



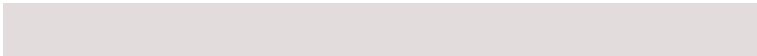
66, 7.472, 241.573

Sweetspot

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



66, 7.470, 11.584



88, 2.489, 10.740



66, 12.300, 321.736



47, 1.906, 10.854



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



66, 7.470, 11.584



82, 11.137, 11.821



68, 6.067, 60.770



34, 3.848, 11.431



31, 66.108, 34.805



2, 7.875, 12.309

Inverse Universe

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



66, 7.470, 11.584



82, 11.137, 11.821



68, 5.795, 243.093



34, 3.848, 11.431



31, 66.108, 34.805



2, 7.875, 12.309

Previews

White Background



This preview shows how the CIELCh color 66, 7.472, 11.573 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 66, 7.472, 11.573 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

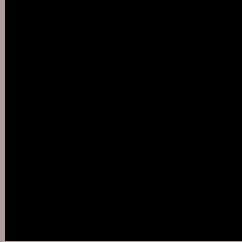
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 7.472, 11.573

Background



This preview shows how black text looks on a background with the CIELCh color 66, 7.472, 11.573.



This preview shows how white text looks on a background with the CIELCh color 66, 7.472, 11.573.

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

66, 7.472, 11.573

Protanopia

66, 1.147, 19.102

Deuteranopia

66, 8.729, 9.278



Tritanopia
66, 10.429, 340.887

Trichromacy



Original Color
66, 7.472, 11.573

Protanomaly
66, 3.078, 19.534

Deuteranomaly
66, 8.341, 8.718

Tritanomaly
66, 9.492, 348.709

Monochromacy



Original Color
66, 7.472, 11.573

Achromatopsia
67, 0.008, 296.813

Achromatomaly
66, 2.744, 7.889

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 7.472, 11.573 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(175, 156, 158)` looks like.

```
.text, #text, p{  
    color:rgb(175, 156, 158)  
}
```

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(175, 156, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 156, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 7.472, 11.573 is called "border". The border property can be set on classes, ids or directly on the HTML element.

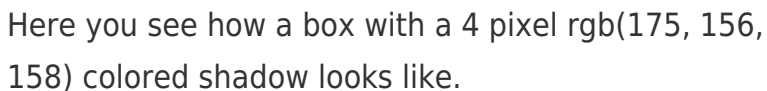
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(175, 156, 158) }
```

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

```
.border{ border-color:rgb(175, 156, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(175, 156, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 156, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 156, 158);  
box-shadow:4px 4px 4px 4px rgb(175, 156,  
158) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 7.472, 11.573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 156, 158) }
```

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

```
.background{ background-color: rgb(175,  
156, 158) }
```

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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