

Converting Colors

CIELCh(70, 10.468, 308.655)

Have a look what the booklet for
CIELCh(70, 10.468, 308.655)
contains.

CIELCh(70, 10.336, 307.552)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(70, 10.336, 307.552)

Conversions

Conversions Part 1

Format	Color
Hex	B0A8BA
RGB	176, 168, 186
RGB Percent	69%, 66%, 73%
CMY	0.3100, 0.3414, 0.2708
CMYK	0.05, 0.10, 0.00, 0.27
HSL	267°, 12%, 69%
HSV	267°, 10%, 73%
XYZ	40.7395, 40.7494, 52.1393
YIQ	172.4440, -1.0100, 7.2940

Conversions

Conversions Part 2

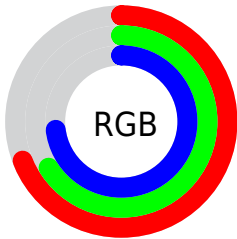
Format	Color
RYB	176, 168, 186
Decimal	11577530
CIELab	70.00, 6.30, -8.19
CIElCh	70, 10.336, 307.552
Yxy	40.7494, 0.3049, 0.3049
Android (android.graphics.Color)	4289767610 (0xFFB0A8BA)
YUV	172.4440, 6.6831, 3.1186
Hunter-Lab	63.8353, 2.2064, -3.7422

Details

The CIELCh color $70, 10.336, 307.552$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $74, 10.176, 126.665$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 10.417, 308.492$, and $50, 10.365, 306.545$ is the 20% darker color. If you saturate the color by 10%, you get $64, 21.325, 308.076$, and if you desaturate by 10%, it is $76, 0.329, 127.374$.

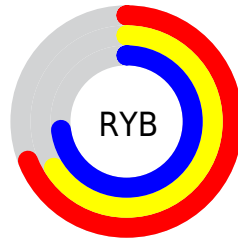
Distribution



Red (69%)

Green (66%)

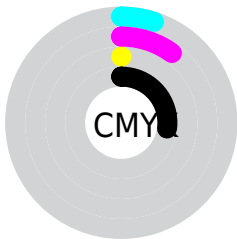
Blue (73%)



Red (69%)

Yellow (66%)

Blue (73%)

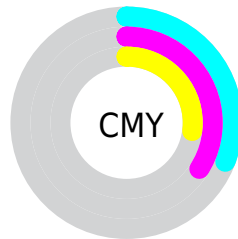


Cyan (5%)

Magenta (10%)

Yellow (0%)

Black (27%)



Cyan (31%)


Magenta (34%)


Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 10.336, 307.552 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 70, 10.336, 307.552 by changing the saturation by 10% instead.


 70, 10.336,
307.552


 70, 10.336,
307.552


 100, 10.336,
307.552


 60, 10.336,
307.552


 90, 10.336,
307.552

 50, 10.336,
307.552

 40, 10.336,
307.552

 30, 10.336,
307.552

 20, 10.336,
307.552

 10, 10.336,
307.552

 0, 10.336, 307.552

70, 10.336,
307.552

70, 10.336,
307.552

64, 21.325,
308.076

76, 0.329, 127.374

59, 32.614,
308.646

81, 10.655,
126.677

53, 44.125,
309.249

87, 20.650,
126.303

48, 55.713,
309.861

93, 30.326,
125.978

43, 67.110,
310.438

97, 36.359,
123.995

38, 77.866,
310.912

97, 35.385,
118.072

34, 87.306,
311.181

98, 34.831,
111.770

30, 94.582,

99, 34.718,
107.533

311.118

■ 28, 99.451,
310.713

Harmonies

Complementary

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



70, 10.336, 307.552



74, 10.176, 126.665

Rectangle

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



70, 10.336, 307.552



70, 10.336, 357.552



70, 10.336, 127.552



70, 10.336, 177.552

Sweetspot

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



70, 10.334, 307.549



93, 3.937, 307.211



72, 5.566, 249.091



50, 3.011, 307.255



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



70, 10.334, 307.549



87, 15.945, 307.678



71, 11.687, 323.106



36, 5.984, 307.532



22, 87.158, 310.854



1, 15.824, 303.101

Inverse Universe

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



71, 8.731, 341.488



88, 13.455, 341.705



74, 11.656, 142.145



36, 5.057, 341.458



33, 59.502, 356.297



3, 12.626, 347.580

Previews

White Background



This preview shows how the CIELCh color 70, 10.336, 307.552 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 70, 10.336, 307.552 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

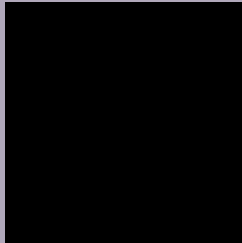
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

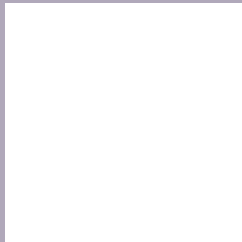
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 10.336, 307.552

Background



This preview shows how black text looks on a background with the CIELCh color 70, 10.336, 307.552.



This preview shows how white text looks on a background with the CIELCh color 70, 10.336, 307.552.

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

70, 10.336, 307.552

Protanopia

70, 9.317, 288.891

Deuteranopia

70, 12.333, 317.735



Tritanopia
70, 7.492, 308.026

Trichromacy



Original Color
70, 10.336, 307.552

Protanomaly
70, 9.948, 297.430

Deuteranomaly
70, 11.363, 313.936

Tritanomaly
70, 8.016, 306.888

Monochromacy



Original Color
70, 10.336, 307.552

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 3.382, 303.212

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 10.336, 307.552 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(176, 168, 186)` looks like.

```
.text, #text, p{  
    color:rgb(176, 168, 186)  
}
```

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(176, 168, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 168, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 10.336, 307.552 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(176, 168, 186) }
```

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

```
.border{ border-color:rgb(176, 168, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 168, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 168, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 168, 186);  
box-shadow:4px 4px 4px 4px rgb(176, 168,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 10.336, 307.552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 168, 186) }
```

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

```
.background{ background-color: rgb(176,  
168, 186) }
```

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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