

Converting Colors

CIELCh(70, 6.320, 104.181)

Have a look what the booklet for
CIELCh(70, 6.320, 104.181) contains.

CIELCh(70, 6.547, 106.129)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(70, 6.547, 106.129)

Conversions

Conversions Part 1

Format	Color
Hex	ADACA0
RGB	173, 172, 160
RGB Percent	68%, 67%, 63%
CMY	0.3229, 0.3268, 0.3738
CMYK	0.00, 0.01, 0.08, 0.32
HSL	55°, 7%, 65%
HSV	55°, 8%, 68%
XYZ	38.1638, 40.7494, 38.9594
YIQ	170.9310, 4.4480, -3.5200

Conversions

Conversions Part 2

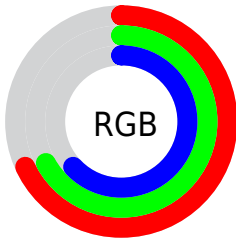
Format	Color
RYB	161, 173, 160
Decimal	11381920
CIELab	70.00, -1.82, 6.29
CIELCh	70, 6.547, 106.129
Yxy	40.7494, 0.3238, 0.3457
Android (android.graphics.Color)	4289572000 (0xFFADACA0)
YUV	170.9310, -5.3890, 1.8145
Hunter-Lab	63.8353, -4.9958, 8.4994

Details

The CIELCh color **70, 6.547, 106.129** is a light color, and the websafe version is hex **999999**. A complement of this color would be **66, 6.651, 287.715**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 6.215, 106.298**, and **50, 6.410, 105.616** is the 20% darker color. If you saturate the color by 10%, you get **69, 15.251, 105.126**, and if you desaturate by 10%, it is **71, 2.162, 287.194**.

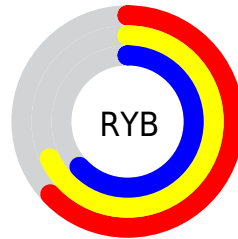
Distribution



Red (68%)

Green (67%)

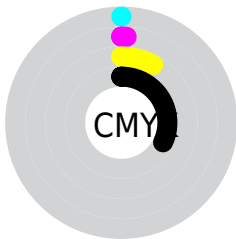
Blue (63%)



Red (63%)

Yellow (68%)

Blue (63%)

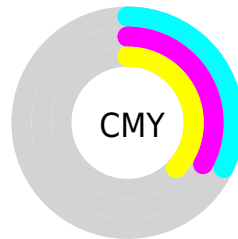


Cyan (0%)

Magenta (1%)

Yellow (8%)

Black (32%)



Cyan (32%)

Magenta (33%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 6.547, 106.129 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, 6.547, 106.129 by changing the saturation by 10% instead.

■ 70, 6.547, 106.129

■ 70, 6.547, 106.129

■ 100, 6.547,
106.129

■ 60, 6.547, 106.129

■ 90, 6.547, 106.129

■ 50, 6.547, 106.129

■ 40, 6.547, 106.129

■ 30, 6.547, 106.129

■ 20, 6.547, 106.129

■ 10, 6.547, 106.129

■ 0, 6.547, 106.129

■ 70, 6.547, 106.129

■ 70, 6.547, 106.129

■ 69, 15.251,

■ 71, 2.162, 287.194

105.126

72, 10.853,
288.131

69, 23.898,
104.093

73, 19.503,
289.061

68, 32.413,
103.059

73, 28.102,
289.953

67, 40.672,
102.041

74, 36.642,
290.803

67, 48.480,
101.058

75, 40.710,
290.894

66, 55.537,
100.132

76, 39.967,
290.176

66, 61.425, 99.288

76, 39.230,
289.433

65, 65.659, 98.543

65, 68.010, 97.894

76, 38.500,
288.664

Harmonies

Complementary

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



70, 6.547, 106.129



66, 6.651, 287.715

Rectangle

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



70, 6.547, 106.129



70, 6.547, 156.129



70, 6.547, 286.129



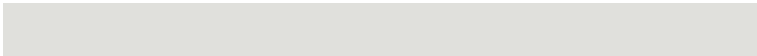
70, 6.547, 336.129

Sweetspot

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



70, 6.549, 106.141



89, 2.146, 106.658



67, 5.050, 13.003



47, 1.218, 106.666



95, 0.011, 296.813



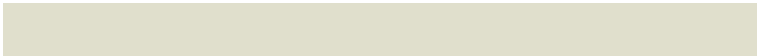
47, 0.006, 296.813

Same Dimension

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



70, 6.549, 106.141



88, 9.694, 105.978



70, 7.404, 125.762



36, 4.944, 105.963



57, 61.930, 97.800



7, 10.117, 105.293

Inverse Universe

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



66, 6.651, 287.715



83, 9.870, 287.897



67, 7.503, 306.457



34, 5.035, 287.914



18, 86.515, 305.107



1, 10.642, 287.551

Previews

White Background



This preview shows how the CIELCh color 70, 6.547, 106.129 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 70, 6.547, 106.129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

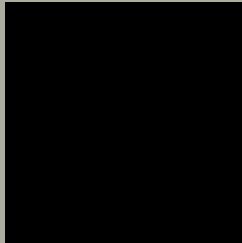
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

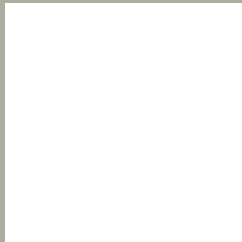
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 6.547, 106.129

Background



This preview shows how black text looks on a background with the CIELCh color 70, 6.547, 106.129.



This preview shows how white text looks on a background with the CIELCh color 70, 6.547, 106.129.

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, 6.547, 106.129

Protanopia

70, 6.576, 85.116

Deuteranopia

70, 10.432, 32.248



Tritanopia
70, 8.264, 311.829

Trichromacy



Original Color
70, 6.547, 106.129

Protanomaly
70, 6.714, 96.146

Deuteranomaly
70, 7.388, 46.098

Tritanomaly
70, 3.571, 329.519

Monochromacy



Original Color
70, 6.547, 106.129

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 2.206, 100.019

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 6.547, 106.129 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(173, 172, 160)` looks like.

```
.text, #text, p{  
    color:rgb(173, 172, 160)  
}
```

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(173, 172, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 172, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 6.547, 106.129 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(173, 172, 160) }
```

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

```
.border{ border-color:rgb(173, 172, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 172, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 172, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 172, 160);  
box-shadow:4px 4px 4px 4px rgb(173, 172,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 6.547, 106.129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 172, 160) }
```

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

```
.background{ background-color: rgb(173,  
172, 160) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor