

Converting Colors

CIELCh(70, 27.518, 106.521)

Have a look what the booklet for
CIELCh(70, 27.518, 106.521)
contains.

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Color

CIELCh(70, 27.518, 106.521)

Conversions

Conversions Part 1

Format	Color
Hex	AFAE7B
RGB	175, 174, 123
RGB Percent	69%, 68%, 48%
CMY	0.3142, 0.3181, 0.5181
CMYK	0.00, 0.01, 0.30, 0.31
HSL	59°, 24%, 58%
HSV	59°, 30%, 69%
XYZ	36.3297, 40.7494, 24.6500
YIQ	168.4850, 16.9670, -15.6490

Conversions

Conversions Part 2

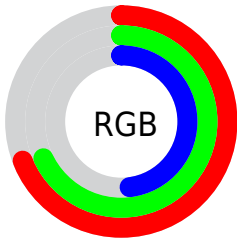
Format	Color
RYB	124, 175, 123
Decimal	11513467
CIELab	70.00, -7.83, 26.38
CIELCh	70, 27.518, 106.521
Yxy	40.7494, 0.3571, 0.4006
Android (android.graphics.Color)	4289703547 (0xFFFAFAE7B)
YUV	168.4850, -22.4241, 5.7137
Hunter-Lab	63.8353, -10.1245, 21.7899

Details

The CIELCh color **70, 27.518, 106.521** is a light color, and the websafe version is hex **999966**. A complement of this color would be **54, 29.466, 293.045**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 27.263, 106.302**, and **50, 27.427, 106.559** is the 20% darker color. If you saturate the color by 10%, you get **70, 36.479, 105.568**, and if you desaturate by 10%, it is **70, 18.350, 107.497**.

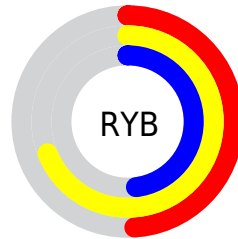
Distribution



Red (69%)

Green (68%)

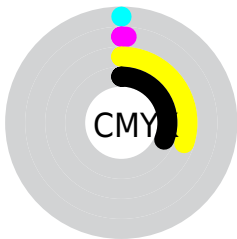
Blue (48%)



Red (49%)

Yellow (69%)

Blue (48%)

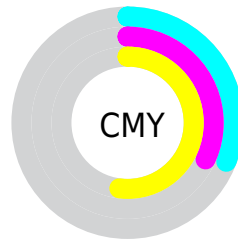


Cyan (0%)

Magenta (1%)

Yellow (30%)

Black (31%)



Cyan (31%)


Magenta (32%)


Yellow (52%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 27.518, 106.521 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, 27.518, 106.521 by changing the saturation by 10% instead.


 70, 27.518,
106.521


 70, 27.518,
106.521


 100, 27.518,
106.521


 60, 27.518,
106.521


 90, 27.518,
106.521

 50, 27.518,
106.521

 40, 27.518,
106.521

 30, 27.518,
106.521

 20, 27.518,
106.521

 10, 27.518,
106.521

 0, 27.518, 106.521

70, 27.518,
106.521

70, 27.518,
106.521

70, 36.479,
105.568

70, 18.350,
107.497

69, 45.076,
104.650

71, 9.070, 108.468

69, 53.076,
103.797

71, 0.260, 289.685

72, 9.598, 290.380

69, 60.144,
103.042

73, 18.917,
291.284

69, 65.844,
102.421

73, 28.199,
292.154

68, 69.745,
101.964

74, 37.429,
292.984

68, 71.951,
101.654

75, 42.441,
293.356

68, 72.007,

101.646

■ 75, 42.249,
293.194

Harmonies

Complementary

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



70, 27.518, 106.521



54, 29.466, 293.045

Rectangle

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



70, 27.518, 106.521



70, 27.518, 156.521



70, 27.518, 286.521



70, 27.518, 336.521

Sweetspot

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



70, 27.519, 106.525



90, 10.369, 108.523



57, 21.730, 19.284



48, 7.263, 108.385



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



70, 27.519, 106.525



88, 40.978, 105.863



68, 29.829, 126.503



37, 5.240, 108.509



60, 64.468, 101.661



7, 11.024, 109.031

Inverse Universe

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



54, 29.466, 293.045



64, 44.743, 294.162



56, 31.176, 309.385



34, 5.350, 290.371



17, 89.306, 305.992



1, 11.169, 289.553

Previews

White Background



This preview shows how the CIELCh color 70, 27.518, 106.521 looks on a white background.

Color Contrast Check

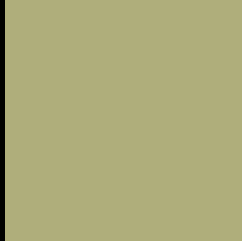
Large Text (above 18pt) WCAG AA × Fail

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, 27.518, 106.521 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

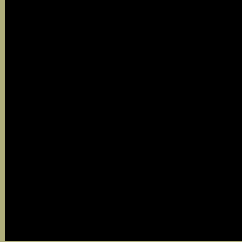
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

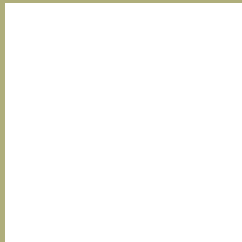
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 27.518, 106.521

Background



This preview shows how black text looks on a background with the CIELCh color 70, 27.518, 106.521.



This preview shows how white text looks on a background with the CIELCh color 70, 27.518, 106.521.

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, 27.518, 106.521

Protanopia

70, 27.106, 95.866

Deuteranopia

70, 26.933, 71.345



Tritanopia
70, 9.099, 328.757

Trichromacy



Original Color
70, 27.518, 106.521

Protanomaly
70, 27.304, 99.499

Deuteranomaly
70, 26.067, 84.926

Tritanomaly
70, 6.936, 79.200

Monochromacy



Original Color
70, 27.518, 106.521

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 9.828, 109.171

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 27.518, 106.521 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, 174, 123)` looks like.

```
.text, #text, p{  
    color:rgb(175, 174, 123)  
}
```

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, 174, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 174, 123) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 27.518, 106.521 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, 174, 123) }
```

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

```
.border{ border-color:rgb(175, 174, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 174, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 174, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 174, 123);  
box-shadow:4px 4px 4px 4px rgb(175, 174,  
123) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 27.518, 106.521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 174, 123) }
```

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

```
.background{ background-color: rgb(175,  
174, 123) }
```

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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