

Converting Colors

CIELCh(70, 26.357, 118.225)

Have a look what the booklet for
CIELCh(70, 26.357, 118.225)
contains.

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Color

CIELCh(70, 26.383, 118.216)

Conversions

Conversions Part 1

Format	Color
Hex	A4B080
RGB	164, 176, 128
RGB Percent	64%, 69%, 50%
CMY	0.3550, 0.3079, 0.4963
CMYK	0.07, 0.00, 0.27, 0.31
HSL	75°, 23%, 60%
HSV	75°, 27%, 69%
XYZ	34.9513, 40.7494, 26.6006
YIQ	166.9400, 8.2560, -17.4720

Conversions

Conversions Part 2

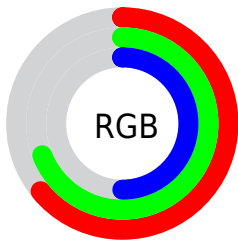
Format	Color
RYB	128, 176, 140
Decimal	10793088
CIELab	70.00, -12.47, 23.25
CIElCh	70, 26.383, 118.216
Yxy	40.7494, 0.3417, 0.3983
Android (android.graphics.Color)	4288983168 (0xFFA4B080)
YUV	166.9400, -19.1974, -2.5784
Hunter-Lab	63.8353, -13.9789, 19.9782

Details

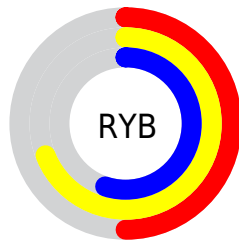
The CIELCh color $70, 26.383, 118.216$ is a light color, and the websafe version is hex 999966 . A complement of this color would be $56, 27.917, 301.884$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 26.698, 118.721$, and $50, 26.842, 118.132$ is the 20% darker color. If you saturate the color by 10%, you get $69, 35.831, 117.604$, and if you desaturate by 10%, it is $71, 16.753, 118.848$.

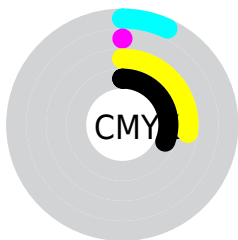
Distribution



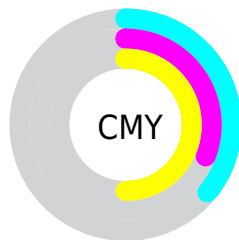
- Red (64%)
- Green (69%)
- Blue (50%)



- Red (50%)
- Yellow (69%)
- Blue (55%)



- Cyan (7%)
- Magenta (0%)
- Yellow (27%)
- Black (31%)





- Cyan (36%)
- Magenta (31%)
- Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 26.383, 118.216 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, 26.383, 118.216 by changing the saturation by 10% instead.


 70, 26.383,
118.216


 70, 26.383,
118.216


 100, 26.383,
118.216


 60, 26.383,
118.216


 90, 26.383,
118.216

 50, 26.383,
118.216

 40, 26.383,
118.216

 30, 26.383,
118.216

 20, 26.383,
118.216

 10, 26.383,
118.216

 0, 26.383, 118.216

70, 26.383,
118.216

70, 26.383,
118.216

69, 35.831,
117.604

71, 16.753,
118.848

69, 44.951,
117.036

71, 7.028, 119.474

68, 53.539,
116.560

72, 2.726, 300.064

68, 61.294,
116.242

73, 12.465,
300.650

67, 67.818,
116.171

74, 22.156,
301.196

67, 72.681,
116.447

75, 31.776,
301.708

67, 75.698,
117.123

76, 41.309,
302.185

67, 76.416,

76, 43.098,
303.818

117.330

 77, 43.342,
305.695

Harmonies

Complementary

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



70, 26.383, 118.216



56, 27.917, 301.884

Rectangle

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



70, 26.383, 118.216



70, 26.383, 168.216



70, 26.383, 298.216



70, 26.383, 348.216

Sweetspot

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



70, 26.385, 118.219



90, 9.650, 119.416



61, 16.678, 42.660



48, 6.851, 119.324



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, 26.385, 118.219



88, 39.455, 117.825



68, 29.638, 135.481



37, 5.569, 119.342



58, 68.732, 117.185



8, 13.723, 123.456

Inverse Universe

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



56, 27.917, 301.884



68, 42.390, 302.452



59, 30.158, 317.932



35, 5.678, 300.503



19, 89.254, 307.853



1, 13.457, 297.724

Previews

White Background



This preview shows how the CIELCh color 70, 26.383, 118.216 looks on a white background.

Color Contrast Check

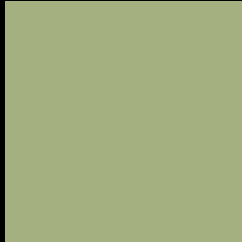
Large Text (above 18pt) WCAG AA × Fail

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, 26.383, 118.216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

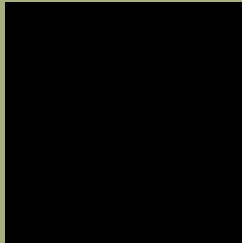
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 26.383, 118.216

Background



This preview shows how black text looks on a background with the CIELCh color 70, 26.383, 118.216.

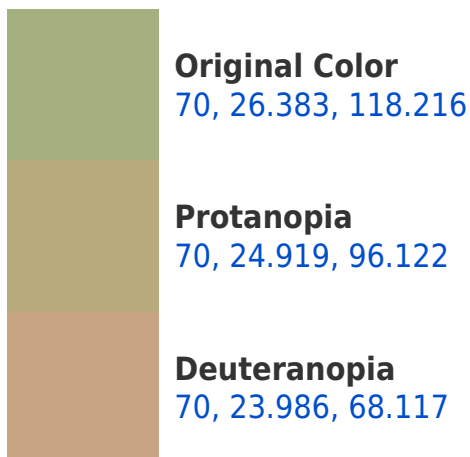


This preview shows how white text looks on a background with the CIELCh color 70, 26.383, 118.216.

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





Tritanopia
70, 7.775, 299.059

Trichromacy



Original Color
70, 26.383, 118.216

Protanomaly
70, 24.914, 104.798

Deuteranomaly
70, 22.687, 87.649

Tritanomaly
70, 5.051, 122.783

Monochromacy



Original Color
70, 26.383, 118.216

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 9.432, 118.726

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 26.383, 118.216 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(164, 176, 128)` looks like.

```
.text, #text, p{  
    color:rgb(164, 176, 128)  
}
```

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(164, 176, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 176, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 26.383, 118.216 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(164, 176, 128) }
```

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

```
.border{ border-color:rgb(164, 176, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 176, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 176, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 176, 128);  
box-shadow:4px 4px 4px 4px rgb(164, 176,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 26.383, 118.216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 176, 128) }
```

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

```
.background{ background-color: rgb(164,  
176, 128) }
```

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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