

Converting Colors

CIELCh(70, 20.847, 118.592)

Have a look what the booklet for
CIELCh(70, 20.847, 118.592)
contains.

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Color

CIELCh(70, 20.393, 118.329)

Conversions

Conversions Part 1

Format	Color
Hex	A6AF8A
RGB	166, 175, 138
RGB Percent	65%, 69%, 54%
CMY	0.3479, 0.3126, 0.4578
CMYK	0.05, 0.00, 0.21, 0.31
HSL	75°, 19%, 61%
HSV	75°, 21%, 69%
XYZ	35.7763, 40.7494, 30.1269
YIQ	168.0910, 6.5130, -13.4150

Conversions

Conversions Part 2

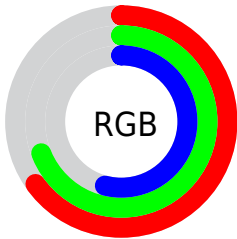
Format	Color
R_{YB}	138, 175, 147
Decimal	10923914
CIE _{Lab}	70.00, -9.68, 17.95
CIE _{LCh}	70, 20.393, 118.329
Yxy	40.7494, 0.3354, 0.3821
Android (android.graphics.Color)	4289113994 (0xFFA6AF8A)
YUV	168.0910, -14.8349, -1.8338
Hunter-Lab	63.8353, -11.6720, 16.7029

Details

The CIELCh color **70, 20.393, 118.329** is a light color, and the websafe version is hex **999966**. A complement of this color would be **60, 21.292, 301.140**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 20.469, 119.107**, and **50, 20.556, 118.489** is the 20% darker color. If you saturate the color by 10%, you get **69, 29.904, 117.699**, and if you desaturate by 10%, it is **71, 10.760, 118.967**.

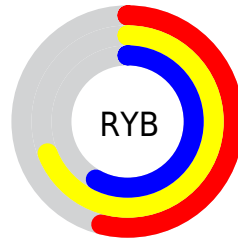
Distribution



Red (65%)

Green (69%)

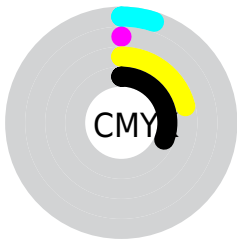
Blue (54%)



Red (54%)

Yellow (69%)

Blue (58%)

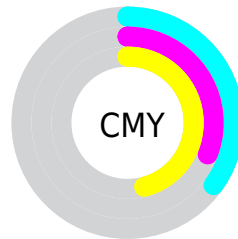


Cyan (5%)

Magenta (0%)

Yellow (21%)

Black (31%)



Cyan (35%)


Magenta (31%)


Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 20.393, 118.329 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, 20.393, 118.329 by changing the saturation by 10% instead.


 70, 20.393,
118.329


 70, 20.393,
118.329


 100, 20.393,
118.329


 60, 20.393,
118.329


 90, 20.393,
118.329

 50, 20.393,
118.329

 40, 20.393,
118.329

 30, 20.393,
118.329

 20, 20.393,
118.329

 10, 20.393,
118.329

 0, 20.393, 118.329

70, 20.393,
118.329

70, 20.393,
118.329

69, 29.904,
117.699

71, 10.760,
118.967

69, 39.181,
117.092

71, 1.074, 119.608

68, 48.062,
116.546

72, 8.614, 300.178

68, 56.310,
116.115

73, 18.268,
300.745

67, 63.584,
115.873

74, 27.860,
301.277

67, 69.464,
115.913

75, 37.373,
301.775


67, 73.554,
116.332

76, 43.656,
302.690

66, 75.892,

76, 43.863,
304.472

116.975

 77, 44.108,
306.254

Harmonies

Complementary

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



70, 20.393, 118.329



60, 21.292, 301.140

Rectangle

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



70, 20.393, 118.329



70, 20.393, 168.329



70, 20.393, 298.329



70, 20.393, 348.329

Sweetspot

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



70, 20.395, 118.332



90, 7.164, 119.283



63, 12.554, 42.749



48, 4.791, 119.243



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, 20.395, 118.332



88, 29.737, 118.058



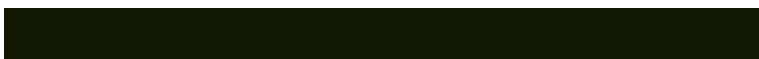
69, 22.867, 135.809



36, 5.432, 119.082



58, 67.763, 116.822



7, 11.658, 122.732

Inverse Universe

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



60, 21.292, 301.140



73, 31.345, 301.499



61, 23.182, 317.667



34, 5.539, 300.253



18, 88.237, 307.792



1, 11.473, 297.932

Previews

White Background



This preview shows how the CIELCh color 70, 20.393, 118.329 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, 20.393, 118.329 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

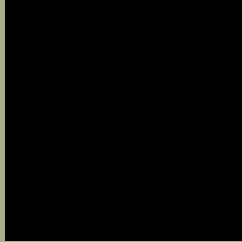
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

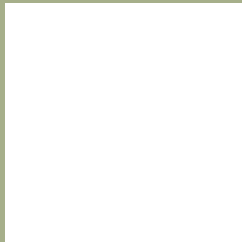
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 20.393, 118.329

Background



This preview shows how black text looks on a background with the CIELCh color 70, 20.393, 118.329.



This preview shows how white text looks on a background with the CIELCh color 70, 20.393, 118.329.

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, 20.393, 118.329

Protanopia

70, 19.555, 94.947

Deuteranopia

70, 18.924, 61.396



Tritanopia
70, 7.775, 299.059

Trichromacy



Original Color
70, 20.393, 118.329

Protanomaly
70, 19.565, 104.632

Deuteranomaly
70, 16.980, 83.019

Tritanomaly
70, 2.216, 119.781

Monochromacy



Original Color
70, 20.393, 118.329

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 7.812, 120.800

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 20.393, 118.329 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(166, 175, 138)` looks like.

```
.text, #text, p{  
    color:rgb(166, 175, 138)  
}
```

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(166, 175, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 175, 138) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 20.393, 118.329 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(166, 175, 138) }
```

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

```
.border{ border-color:rgb(166, 175, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 175, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 175, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 175, 138);  
box-shadow:4px 4px 4px 4px rgb(166, 175,  
138) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 20.393, 118.329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 175, 138) }
```

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

```
.background{ background-color: rgb(166,  
175, 138) }
```

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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