

Converting Colors

CIELCh(70, 33.320, 97.254)

Have a look what the booklet for
CIELCh(70, 33.320, 97.254) contains.

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Color

CIELCh(70, 33.320, 97.254)

Conversions

Conversions Part 1

Format	Color
Hex	B9AC6F
RGB	185, 172, 111
RGB Percent	73%, 67%, 44%
CMY	0.2762, 0.3271, 0.5662
CMYK	0.00, 0.07, 0.40, 0.28
HSL	49°, 34%, 58%
HSV	49°, 40%, 72%
XYZ	37.4272, 40.7494, 20.8201
YIQ	168.9330, 27.3290, -16.2150

Conversions

Conversions Part 2

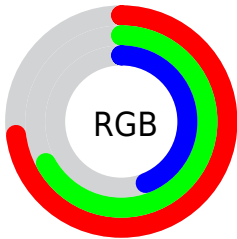
Format	Color
RYB	127, 185, 111
Decimal	12168303
CIELab	70.00, -4.21, 33.05
CIElCh	70, 33.320, 97.254
Yxy	40.7494, 0.3781, 0.4116
Android (android.graphics.Color)	4290358383 (0xFFB9AC6F)
YUV	168.9330, -28.5610, 14.0908
Hunter-Lab	63.8353, -7.0554, 25.3471

Details

The CIELCh color **70, 33.320, 97.254** is a light color, and the websafe version is hex **999966**. A complement of this color would be **53, 35.342, 287.824**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 33.421, 97.184**, and **50, 33.338, 96.942** is the 20% darker color. If you saturate the color by 10%, you get **69, 41.407, 96.072**, and if you desaturate by 10%, it is **71, 25.044, 98.434**.

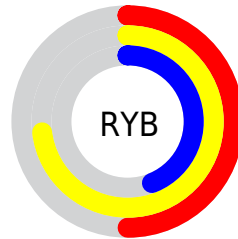
Distribution



Red (73%)

Green (67%)

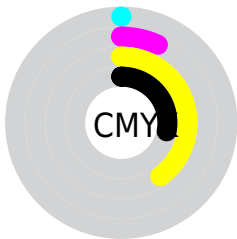
Blue (44%)



Red (50%)

Yellow (73%)

Blue (44%)

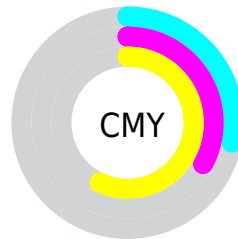


Cyan (0%)

Magenta (7%)

Yellow (40%)

Black (28%)



Cyan (28%)

Magenta (33%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 33.320, 97.254 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, 33.320, 97.254 by changing the saturation by 10% instead.

 70, 33.320, 97.254

 70, 33.320, 97.254

 100, 33.320,
97.254

 60, 33.320, 97.254

 90, 33.320, 97.254

 50, 33.320, 97.254

 40, 33.320, 97.254

 30, 33.320, 97.254

 20, 33.320, 97.254

 10, 33.320, 97.254

 0, 33.320, 97.254

 70, 33.320, 97.254

 70, 33.320, 97.254

 69, 41.407, 96.072

 71, 25.044, 98.434

68, 49.097, 94.883

72, 16.698, 99.589

67, 56.060, 93.693

74, 8.354, 100.714

66, 61.804, 92.495

75, 0.049, 99.085

65, 65.738, 91.260

76, 8.193, 282.906

64, 67.818, 89.971

78, 16.362,
283.915

79, 24.453,
284.884

81, 30.751,
285.201

81, 29.103,
282.529

Harmonies

Complementary

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



70, 33.320, 97.254



53, 35.342, 287.824

Rectangle

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



70, 33.320, 97.254



70, 33.320, 147.254



70, 33.320, 277.254



70, 33.320, 327.254

Sweetspot

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



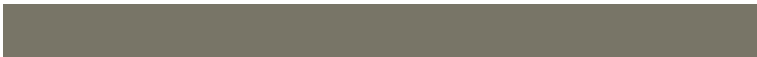
70, 33.321, 97.258



93, 12.319, 100.478



55, 31.416, 9.416



49, 8.170, 100.334



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



70, 33.321, 97.258



87, 49.135, 96.224



72, 40.373, 120.192



38, 4.678, 100.795



55, 59.835, 90.164



8, 11.764, 96.677

Inverse Universe

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



53, 35.342, 287.824



62, 53.152, 289.682



52, 43.801, 305.192



36, 4.739, 282.935



21, 82.083, 302.873



2, 13.426, 284.516

Previews

White Background



This preview shows how the CIELCh color 70, 33.320, 97.254 looks on a white background.

Color Contrast Check

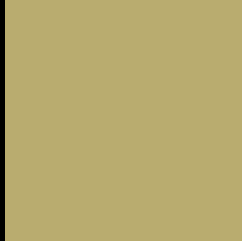
Large Text (above 18pt) WCAG AA × Fail

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, 33.320, 97.254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

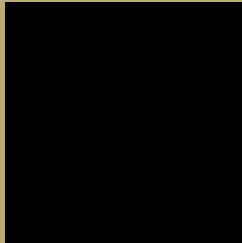
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 33.320, 97.254

Background



This preview shows how black text looks on a background with the CIELCh color 70, 33.320, 97.254.



This preview shows how white text looks on a background with the CIELCh color 70, 33.320, 97.254.

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, 33.320, 97.254

Protanopia

70, 33.518, 95.784

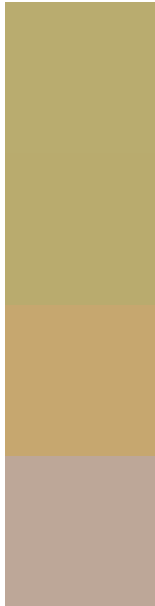
Deuteranopia

70, 33.968, 74.956



Tritanopia
70, 12.499, 348.981

Trichromacy



Original Color
70, 33.320, 97.254

Protanomaly
70, 33.432, 96.506

Deuteranomaly
70, 33.349, 83.447

Tritanomaly
70, 12.036, 62.520

Monochromacy



Original Color
70, 33.320, 97.254

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 12.156, 99.551

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 33.320, 97.254 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(185, 172, 111)` looks like.

```
.text, #text, p{  
    color:rgb(185, 172, 111)  
}
```

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(185, 172, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 172, 111) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 33.320, 97.254 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(185, 172, 111) }
```

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

```
.border{ border-color:rgb(185, 172, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 172, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 172, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 172, 111);  
box-shadow:4px 4px 4px 4px rgb(185, 172,  
111) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 33.320, 97.254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 172, 111) }
```

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

```
.background{ background-color: rgb(185,  
172, 111) }
```

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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