

Converting Colors

CIELCh(70, 30.679, 97.533)

Have a look what the booklet for
CIELCh(70, 30.679, 97.533) contains.

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Color

CIELCh(70, 30.652, 97.567)

Conversions

Conversions Part 1

Format	Color
Hex	B8AC74
RGB	184, 172, 116
RGB Percent	72%, 67%, 45%
CMY	0.2800, 0.3270, 0.5465
CMYK	0.00, 0.07, 0.37, 0.28
HSL	49°, 32%, 59%
HSV	49°, 37%, 72%
XYZ	37.4796, 40.7494, 22.3003
YIQ	169.2040, 25.1280, -14.8720

Conversions

Conversions Part 2

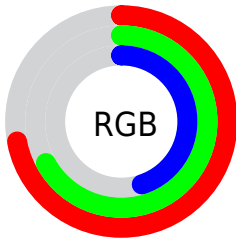
Format	Color
RYB	131, 184, 116
Decimal	12102772
CIELab	70.00, -4.04, 30.39
CIELCh	70, 30.652, 97.567
Yxy	40.7494, 0.3728, 0.4053
Android (android.graphics.Color)	4290292852 (0xFFB8AC74)
YUV	169.2040, -26.2296, 12.9761
Hunter-Lab	63.8353, -6.9090, 23.9723

Details

The CIELCh color **70, 30.652, 97.567** is a light color, and the websafe version is hex **999966**. A complement of this color would be **55, 32.309, 287.182**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 30.350, 97.235**, and **50, 30.609, 97.462** is the 20% darker color. If you saturate the color by 10%, you get **69, 38.776, 96.387**, and if you desaturate by 10%, it is **71, 22.386, 98.742**.

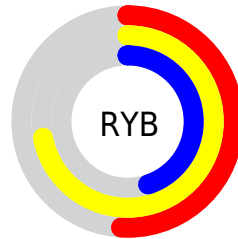
Distribution



Red (72%)

Green (67%)

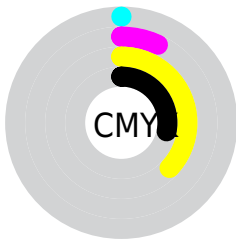
Blue (45%)



Red (51%)

Yellow (72%)

Blue (45%)

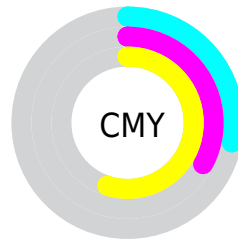


Cyan (0%)

Magenta (7%)

Yellow (37%)

Black (28%)



Cyan (28%)

Magenta (33%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 30.652, 97.567 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, 30.652, 97.567 by changing the saturation by 10% instead.

70, 30.652, 97.567

70, 30.652, 97.567

100, 30.652,
97.567

60, 30.652, 97.567

90, 30.652, 97.567

50, 30.652, 97.567

40, 30.652, 97.567

30, 30.652, 97.567

20, 30.652, 97.567

10, 30.652, 97.567

0, 30.652, 97.567

70, 30.652, 97.567

70, 30.652, 97.567

69, 38.776, 96.387

71, 22.386, 98.742

68, 46.579, 95.197

72, 14.077, 99.891

67, 53.777, 94.006

74, 5.784, 101.000

66, 59.931, 92.810

75, 2.460, 282.166

65, 64.466, 91.588

76, 10.638,
283.172

64, 66.943, 90.297

78, 18.741,
284.170

64, 67.525, 89.910

79, 26.766,
285.126

80, 30.784,
284.643

81, 29.149,
281.947

Harmonies

Complementary

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



70, 30.652, 97.567



55, 32.309, 287.182

Rectangle

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



70, 30.652, 97.567



70, 30.652, 147.567



70, 30.652, 277.567



70, 30.652, 327.567

Sweetspot

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



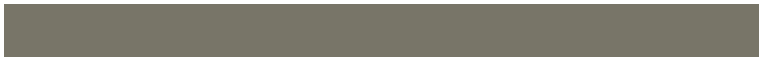
70, 30.653, 97.571



93, 11.279, 100.545



56, 28.742, 8.892



49, 7.578, 100.396



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, 30.653, 97.571



88, 45.124, 96.657



72, 37.238, 120.356



38, 4.674, 100.748



55, 59.811, 90.097



8, 11.750, 96.604

Inverse Universe

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



55, 32.309, 287.182



65, 48.328, 288.746



53, 40.106, 304.938



36, 4.735, 282.891



21, 82.017, 302.849



2, 13.417, 284.486

Previews

White Background



This preview shows how the CIELCh color 70, 30.652, 97.567 looks on a white background.

Color Contrast Check

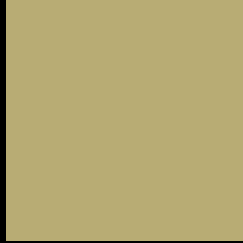
Large Text (above 18pt) WCAG AA × Fail

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, 30.652, 97.567 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

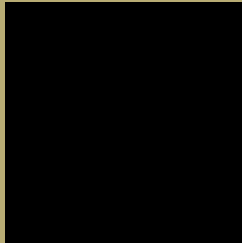
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 30.652, 97.567

Background



This preview shows how black text looks on a background with the CIELCh color 70, 30.652, 97.567.



This preview shows how white text looks on a background with the CIELCh color 70, 30.652, 97.567.

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, 30.652, 97.567

Protanopia

70, 30.845, 95.985

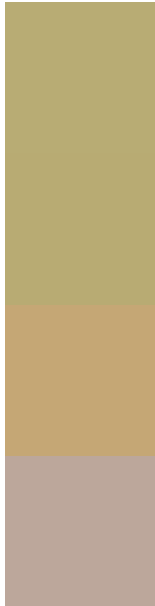
Deuteranopia

70, 31.132, 74.111



Tritanopia
70, 12.153, 344.778

Trichromacy



Original Color
70, 30.652, 97.567

Protanomaly
70, 30.760, 96.763

Deuteranomaly
70, 30.197, 82.295

Tritanomaly
70, 10.608, 57.861

Monochromacy



Original Color
70, 30.652, 97.567

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 11.019, 100.816

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 30.652, 97.567 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(184, 172, 116)` looks like.

```
.text, #text, p{  
    color:rgb(184, 172, 116)  
}
```

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(184, 172, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 172, 116) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 30.652, 97.567 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(184, 172, 116) }
```

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

```
.border{ border-color:rgb(184, 172, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 172, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 172, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 172, 116);  
box-shadow:4px 4px 4px 4px rgb(184, 172,  
116) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 30.652, 97.567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 172, 116) }
```

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

```
.background{ background-color: rgb(184,  
172, 116) }
```

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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