

Converting Colors

CIELCh(70, 23.010, 96.441)

Have a look what the booklet for
CIELCh(70, 23.010, 96.441) contains.

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Color

CIELCh(70, 22.723, 96.370)

Conversions

Conversions Part 1

Format	Color
Hex	B6AB82
RGB	182, 171, 130
RGB Percent	71%, 67%, 51%
CMY	0.2858, 0.3289, 0.4897
CMYK	0.00, 0.06, 0.29, 0.29
HSL	47°, 26%, 61%
HSV	47°, 29%, 71%
XYZ	37.9462, 40.7494, 27.0274
YIQ	169.6150, 19.7170, -10.4190

Conversions

Conversions Part 2

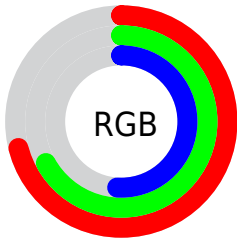
Format	Color
RYB	144, 182, 130
Decimal	11971458
CIELab	70.00, -2.52, 22.58
CIELCh	70, 22.723, 96.370
Yxy	40.7494, 0.3589, 0.3854
Android (android.graphics.Color)	4290161538 (0xFFB6AB82)
YUV	169.6150, -19.5302, 10.8616
Hunter-Lab	63.8353, -5.6042, 19.5817

Details

The CIELCh color **70, 22.723, 96.370** is a light color, and the websafe version is hex **999966**. A complement of this color would be **59, 23.410, 283.679**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 22.677, 96.550**, and **50, 22.892, 96.954** is the 20% darker color. If you saturate the color by 10%, you get **69, 30.709, 95.156**, and if you desaturate by 10%, it is **71, 14.721, 97.567**.

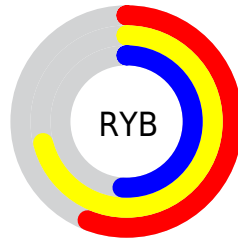
Distribution



Red (71%)

Green (67%)

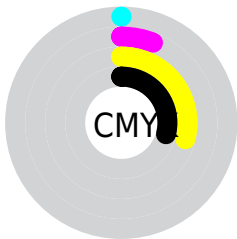
Blue (51%)



Red (56%)

Yellow (71%)

Blue (51%)

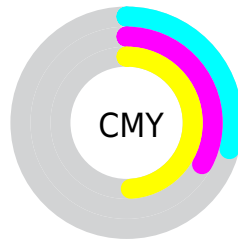


Cyan (0%)

Magenta (6%)

Yellow (29%)

Black (29%)



Cyan (29%)

Magenta (33%)

Yellow (49%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 22.723, 96.370 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, 22.723, 96.370 by changing the saturation by 10% instead.

 70, 22.723, 96.370

 70, 22.723, 96.370

 100, 22.723,
96.370

 60, 22.723, 96.370

 90, 22.723, 96.370

 50, 22.723, 96.370

 40, 22.723, 96.370

 30, 22.723, 96.370

 20, 22.723, 96.370

 10, 22.723, 96.370

 0, 22.723, 96.370

 70, 22.723, 96.370

 70, 22.723, 96.370

 69, 30.709, 95.156

 71, 14.721, 97.567

67, 38.575, 93.915

73, 6.754, 98.717

66, 46.148, 92.656

74, 1.146, 279.998

65, 53.135, 91.375

76, 8.965, 280.964

64, 59.080, 90.055

77, 16.698,
281.993

63, 63.382, 88.649

79, 24.343,
282.979

62, 65.740, 87.109

81, 30.541,
283.337

61, 66.046, 86.887

82, 28.640,
279.988

82, 26.848,
276.204

Harmonies

Complementary

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



70, 22.723, 96.370



59, 23.410, 283.679

Rectangle

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



70, 22.723, 96.370



70, 22.723, 146.370



70, 22.723, 276.370



70, 22.723, 326.370

Sweetspot

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



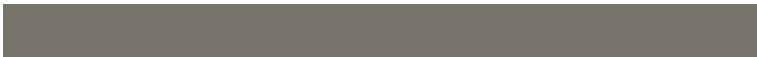
70, 22.724, 96.375



92, 8.809, 98.650



60, 21.801, 5.096



49, 6.176, 98.486



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, 22.724, 96.375



88, 33.560, 95.644



72, 28.531, 119.490



38, 4.505, 98.629



53, 58.847, 87.111



7, 11.181, 93.273

Inverse Universe

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



59, 23.410, 283.679



72, 34.856, 284.762



57, 30.220, 303.138



36, 4.552, 280.837



22, 78.941, 301.690



2, 13.043, 283.120

Previews

White Background



This preview shows how the CIELCh color 70, 22.723, 96.370 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, 22.723, 96.370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

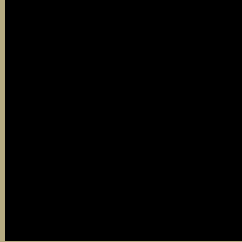
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 22.723, 96.370

Background



This preview shows how black text looks on a background with the CIELCh color 70, 22.723, 96.370.



This preview shows how white text looks on a background with the CIELCh color 70, 22.723, 96.370.

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, 22.723, 96.370

Protanopia

70, 22.813, 95.347

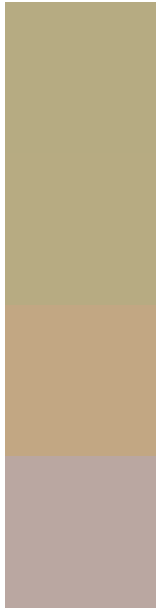
Deuteranopia

70, 23.553, 67.365



Tritanopia
70, 11.239, 341.226

Trichromacy



Original Color
70, 22.723, 96.370

Protanomaly
70, 22.813, 95.347

Deuteranomaly
70, 22.735, 78.515

Tritanomaly
70, 8.110, 43.665

Monochromacy



Original Color
70, 22.723, 96.370

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 8.326, 98.515

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 22.723, 96.370 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(182, 171, 130)` looks like.

```
.text, #text, p{  
    color:rgb(182, 171, 130)  
}
```

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(182, 171, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 171, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 22.723, 96.370 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(182, 171, 130) }
```

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

```
.border{ border-color:rgb(182, 171, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 171, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 171, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 171, 130);  
box-shadow:4px 4px 4px 4px rgb(182, 171,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 22.723, 96.370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 171, 130) }
```

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

```
.background{ background-color: rgb(182,  
171, 130) }
```

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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