

Converting Colors

CIELCh(70, 22.311, 95.105)

Have a look what the booklet for
CIELCh(70, 22.311, 95.105) contains.

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Color

CIELCh(70, 22.287, 95.123)

Conversions

Conversions Part 1

Format	Color
Hex	B7AB83
RGB	183, 171, 131
RGB Percent	72%, 67%, 51%
CMY	0.2830, 0.3300, 0.4869
CMYK	0.00, 0.07, 0.28, 0.28
HSL	46°, 26%, 62%
HSV	46°, 28%, 72%
XYZ	38.1106, 40.7494, 27.2764
YIQ	170.0280, 19.9920, -9.8960

Conversions

Conversions Part 2

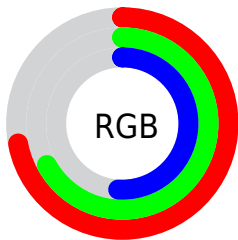
Format	Color
RYB	147, 183, 131
Decimal	12036995
CIELab	70.00, -1.99, 22.20
CIELCh	70, 22.287, 95.123
Yxy	40.7494, 0.3591, 0.3839
Android (android.graphics.Color)	4290227075 (0xFFB7AB83)
YUV	170.0280, -19.2408, 11.3764
Hunter-Lab	63.8353, -5.1445, 19.3505

Details

The CIELCh color **70, 22.287, 95.123** is a light color, and the websafe version is hex **999966**. A complement of this color would be **60, 22.848, 282.510**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 22.259, 95.361**, and **50, 22.426, 95.657** is the 20% darker color. If you saturate the color by 10%, you get **69, 30.187, 93.885**, and if you desaturate by 10%, it is **71, 14.391, 96.341**.

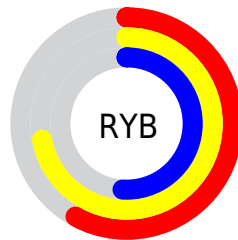
Distribution



Red (72%)

Green (67%)

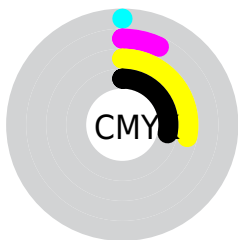
Blue (51%)



Red (58%)

Yellow (72%)

Blue (51%)

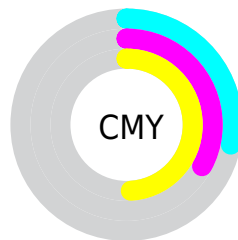


Cyan (0%)

Magenta (7%)

Yellow (28%)

Black (28%)



Cyan (28%)

Magenta (33%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 22.287, 95.123 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, 22.287, 95.123 by changing the saturation by 10% instead.

■ 70, 22.287, 95.123

■ 70, 22.287, 95.123

■ 100, 22.287,
95.123

■ 60, 22.287, 95.123

■ 90, 22.287, 95.123

■ 50, 22.287, 95.123

■ 40, 22.287, 95.123

■ 30, 22.287, 95.123

■ 20, 22.287, 95.123

■ 10, 22.287, 95.123

■ 0, 22.287, 95.123

■ 70, 22.287, 95.123

■ 70, 22.287, 95.123

■ 69, 30.187, 93.885

■ 71, 14.391, 96.341

67, 37.994, 92.615

73, 6.547, 97.509

66, 45.542, 91.321

75, 1.219, 278.810

65, 52.545, 89.994

76, 8.894, 279.792

63, 58.551, 88.610

78, 16.475,
280.834

62, 62.949, 87.112

80, 23.961,
281.833

61, 65.393, 85.441

81, 29.370,
281.825

61, 65.738, 85.180

82, 27.349,
277.884

83, 25.475,
273.375

Harmonies

Complementary

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



70, 22.287, 95.123



60, 22.848, 282.510

Rectangle

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



70, 22.287, 95.123



70, 22.287, 145.123



70, 22.287, 275.123



70, 22.287, 325.123

Sweetspot

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



70, 22.288, 95.128



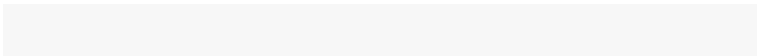
92, 8.634, 97.427



60, 21.869, 3.842



49, 6.054, 97.261



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, 22.288, 95.128



87, 32.974, 94.369



72, 28.427, 118.820



38, 4.415, 97.406



52, 58.402, 85.435



7, 10.896, 91.374

Inverse Universe

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



60, 22.848, 282.510



72, 34.042, 283.626



58, 30.136, 302.563



36, 4.455, 279.650



22, 77.152, 300.977



2, 12.843, 282.342

Previews

White Background



This preview shows how the CIELCh color 70, 22.287, 95.123 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, 22.287, 95.123 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

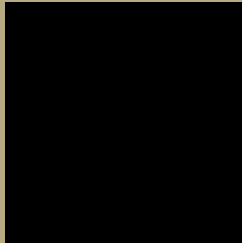
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

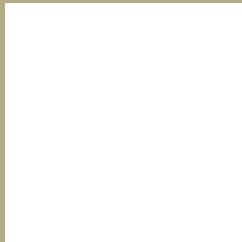
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 22.287, 95.123

Background



This preview shows how black text looks on a background with the CIELCh color 70, 22.287, 95.123.

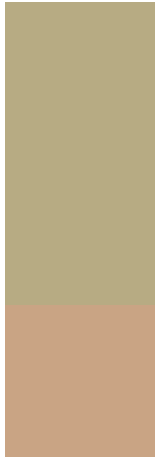


This preview shows how white text looks on a background with the CIELCh color 70, 22.287, 95.123.

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, 22.287, 95.123

Protanopia

70, 22.287, 95.123

Deuteranopia

70, 23.553, 67.365



Tritanopia
70, 10.911, 343.470

Trichromacy



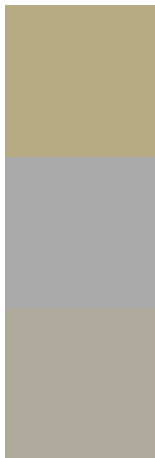
Original Color
70, 22.287, 95.123

Protanomaly
70, 22.287, 95.123

Deuteranomaly
70, 22.032, 76.355

Tritanomaly
70, 8.361, 47.013

Monochromacy



Original Color
70, 22.287, 95.123

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 7.875, 95.041

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 22.287, 95.123 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(183, 171, 131)` looks like.

```
.text, #text, p{  
    color:rgb(183, 171, 131)  
}
```

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(183, 171, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 171, 131) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 22.287, 95.123 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(183, 171, 131) }
```

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

```
.border{ border-color:rgb(183, 171, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 171, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 171, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 171, 131);  
box-shadow:4px 4px 4px 4px rgb(183, 171,  
131) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 22.287, 95.123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 171, 131) }
```

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

```
.background{ background-color: rgb(183,  
171, 131) }
```

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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