

Converting Colors

CIELCh(70, 12.705, 80.898)

Have a look what the booklet for
CIELCh(70, 12.705, 80.898) contains.

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Color

CIELCh(70, 12.458, 80.302)

Conversions

Conversions Part 1

Format	Color
Hex	B8A995
RGB	184, 169, 149
RGB Percent	72%, 66%, 58%
CMY	0.2783, 0.3371, 0.4156
CMYK	0.00, 0.08, 0.19, 0.28
HSL	34°, 20%, 65%
HSV	34°, 19%, 72%
XYZ	39.3926, 40.7494, 34.2332
YIQ	171.2050, 15.3600, -3.0400

Conversions

Conversions Part 2

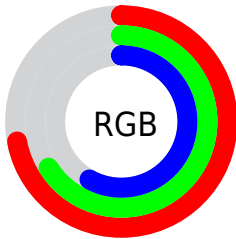
Format	Color
RYB	175, 184, 149
Decimal	12102037
CIELab	70.00, 2.10, 12.28
CIELCh	70, 12.458, 80.302
Yxy	40.7494, 0.3444, 0.3563
Android (android.graphics.Color)	4290292117 (0xFFB8A995)
YUV	171.2050, -10.9471, 11.2212
Hunter-Lab	63.8353, -1.5597, 12.8890

Details

The CIELCh color **70, 12.458, 80.302** is a light color, and the websafe version is hex **999999**. A complement of this color would be **67, 12.115, 265.493**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 12.419, 80.359**, and **50, 12.661, 80.003** is the 20% darker color. If you saturate the color by 10%, you get **68, 19.344, 79.002**, and if you desaturate by 10%, it is **73, 5.804, 81.571**.

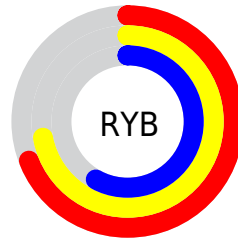
Distribution



Red (72%)

Green (66%)

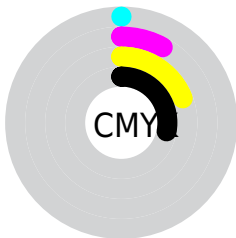
Blue (58%)



Red (69%)

Yellow (72%)

Blue (58%)

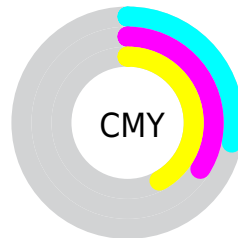


Cyan (0%)

Magenta (8%)

Yellow (19%)

Black (28%)



Cyan (28%)

Magenta (34%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 12.458, 80.302 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, 12.458, 80.302 by changing the saturation by 10% instead.

■ 70, 12.458, 80.302

■ 70, 12.458, 80.302

■ 100, 12.458,
80.302

■ 60, 12.458, 80.302

■ 90, 12.458, 80.302

■ 50, 12.458, 80.302

■ 40, 12.458, 80.302

■ 30, 12.458, 80.302

■ 20, 12.458, 80.302

■ 10, 12.458, 80.302

■ 0, 12.458, 80.302

■ 70, 12.458, 80.302

■ 70, 12.458, 80.302

■ 68, 19.344, 79.002

■ 73, 5.804, 81.571

65, 26.453, 77.656

75, 0.629, 263.335

63, 33.749, 76.276

78, 6.856, 264.117

61, 41.138, 74.848

80, 12.896,
265.256

58, 48.418, 73.332

83, 18.766,
266.359

56, 55.196, 71.637

54, 60.809, 69.581

85, 22.442,
264.515

52, 64.775, 67.035

87, 20.219,
251.967

52, 65.170, 66.801

89, 19.127,
237.373

92, 19.321,
222.245

Harmonies

Complementary

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



70, 12.458, 80.302



67, 12.115, 265.493

Rectangle

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



70, 12.458, 80.302



70, 12.458, 130.302



70, 12.458, 260.302



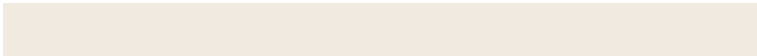
70, 12.458, 310.302

Sweetspot

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



70, 12.459, 80.312



93, 4.760, 81.915



65, 15.880, 349.145



49, 3.159, 81.841



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, 12.459, 80.312



88, 18.819, 79.745



74, 18.818, 111.175



38, 3.641, 81.532



44, 57.488, 67.297



6, 9.014, 69.354

Inverse Universe

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



67, 12.115, 265.493



83, 18.166, 266.239



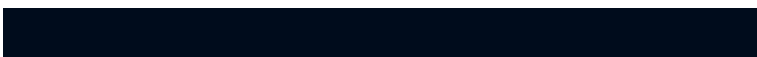
63, 19.648, 294.662



37, 3.600, 264.030



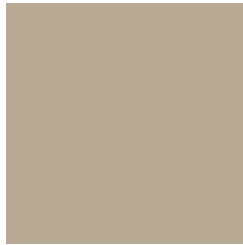
30, 56.556, 289.736



3, 10.904, 272.505

Previews

White Background



This preview shows how the CIELCh color 70, 12.458, 80.302 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, 12.458, 80.302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

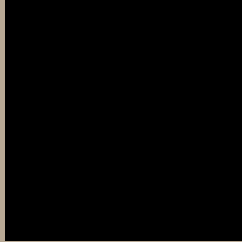
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

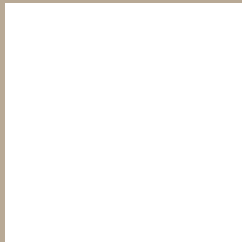
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 12.458, 80.302

Background



This preview shows how black text looks on a background with the CIELCh color 70, 12.458, 80.302.



This preview shows how white text looks on a background with the CIELCh color 70, 12.458, 80.302.

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, 12.458, 80.302

Protanopia

70, 11.866, 93.494

Deuteranopia

70, 14.661, 53.923



Tritanopia
70, 11.239, 341.226

Trichromacy



Original Color
70, 12.458, 80.302

Protanomaly
70, 11.746, 87.200

Deuteranomaly
70, 13.354, 60.598

Tritanomaly
70, 8.117, 16.230

Monochromacy



Original Color
70, 12.458, 80.302

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 4.448, 78.490

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 12.458, 80.302 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, 169, 149)` looks like.

```
.text, #text, p{  
    color:rgb(184, 169, 149)  
}
```

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, 169, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 169, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 12.458, 80.302 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, 169, 149) }
```

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

```
.border{ border-color:rgb(184, 169, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 169, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 169, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 169, 149);  
box-shadow:4px 4px 4px 4px rgb(184, 169,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 12.458, 80.302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 169, 149) }
```

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

```
.background{ background-color: rgb(184,  
169, 149) }
```

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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