

Converting Colors

CIELCh(70, 11.293, 79.637)

Have a look what the booklet for
CIELCh(70, 11.293, 79.637) contains.

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Color

CIELCh(70, 11.293, 79.637)

Conversions

Conversions Part 1

Format	Color
Hex	B7A997
RGB	183, 169, 151
RGB Percent	72%, 66%, 59%
CMY	0.2818, 0.3367, 0.4073
CMYK	0.00, 0.08, 0.17, 0.28
HSL	34°, 18%, 66%
HSV	34°, 17%, 72%
XYZ	39.3713, 40.7494, 35.1253
YIQ	171.1340, 14.1220, -2.6300

Conversions

Conversions Part 2

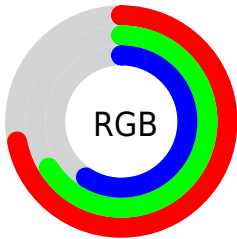
Format	Color
RYB	176, 183, 151
Decimal	12036503
CIELab	70.00, 2.03, 11.11
CIElCh	70, 11.293, 79.637
Yxy	40.7494, 0.3416, 0.3536
Android (android.graphics.Color)	4290226583 (0xFFB7A997)
YUV	171.1340, -9.9261, 10.4065
Hunter-Lab	63.8353, -1.6192, 12.0604

Details

The CIELCh color $70, 11.293, 79.637$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $67, 10.986, 264.374$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 11.318, 79.661$, and $50, 11.408, 79.404$ is the 20% darker color. If you saturate the color by 10%, you get $68, 18.083, 78.349$, and if you desaturate by 10%, it is $73, 4.742, 80.888$.

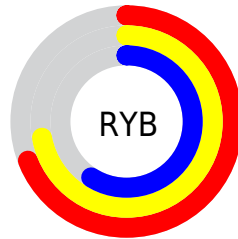
Distribution



Red (72%)

Green (66%)

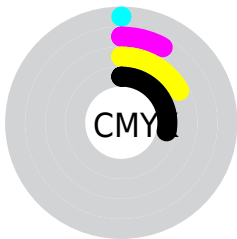
Blue (59%)



Red (69%)

Yellow (72%)

Blue (59%)

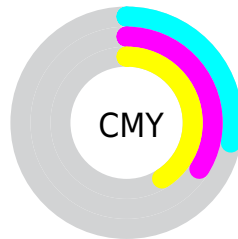


Cyan (0%)

Magenta (8%)

Yellow (17%)

Black (28%)



Cyan (28%)

Magenta (34%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 11.293, 79.637 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, 11.293, 79.637 by changing the saturation by 10% instead.

■ 70, 11.293, 79.637

■ 70, 11.293, 79.637

■ 100, 11.293,
79.637

■ 60, 11.293, 79.637

■ 90, 11.293, 79.637

■ 50, 11.293, 79.637

■ 40, 11.293, 79.637

■ 30, 11.293, 79.637

■ 20, 11.293, 79.637

■ 10, 11.293, 79.637

■ 0, 11.293, 79.637

■ 70, 11.293, 79.637

■ 70, 11.293, 79.637

■ 68, 18.083, 78.349

■ 73, 4.742, 80.888

65, 25.107, 77.016

75, 1.584, 262.378

63, 32.340, 75.651

78, 7.702, 263.426

60, 39.701, 74.243

80, 13.632,
264.560

58, 47.016, 72.757

83, 19.392,
265.657

56, 53.934, 71.112

54, 59.841, 69.137

86, 22.271,
262.642

52, 64.054, 66.624

88, 20.181,
249.634

52, 65.078, 66.011

90, 19.285,
234.747

92, 19.708,
219.654

Harmonies

Complementary

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



70, 11.293, 79.637



67, 10.986, 264.374

Rectangle

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



70, 11.293, 79.637



70, 11.293, 129.637



70, 11.293, 259.637



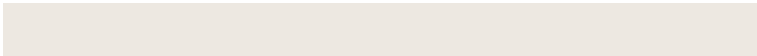
70, 11.293, 309.637

Sweetspot

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



70, 11.294, 79.648



92, 3.894, 81.158



66, 14.654, 347.989



49, 2.682, 81.082



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, 11.294, 79.648



87, 16.862, 79.150



74, 17.222, 110.610



38, 3.614, 80.666



44, 57.606, 66.500



6, 8.972, 68.320

Inverse Universe

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



67, 10.986, 264.374



83, 16.286, 265.015



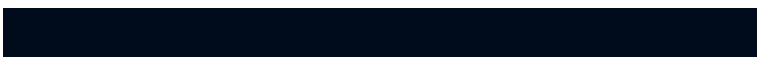
64, 17.917, 293.888



37, 3.569, 263.163



31, 55.621, 289.027



3, 10.817, 271.926

Previews

White Background



This preview shows how the CIELCh color 70, 11.293, 79.637 looks on a white background.

Color Contrast Check

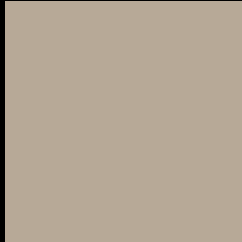
Large Text (above 18pt) WCAG AA × Fail

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, 11.293, 79.637 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

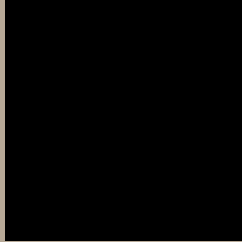
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 11.293, 79.637

Background



This preview shows how black text looks on a background with the CIELCh color 70, 11.293, 79.637.



This preview shows how white text looks on a background with the CIELCh color 70, 11.293, 79.637.

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, 11.293, 79.637

Protanopia

70, 10.816, 92.127

Deuteranopia

70, 14.022, 50.439



Tritanopia
70, 10.949, 339.925

Trichromacy



Original Color
70, 11.293, 79.637

Protanomaly
70, 10.734, 85.230

Deuteranomaly
70, 12.649, 60.047

Tritanomaly
70, 7.327, 15.734

Monochromacy



Original Color
70, 11.293, 79.637

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 3.779, 79.324

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 11.293, 79.637 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, 169, 151)` looks like.

```
.text, #text, p{  
    color:rgb(183, 169, 151)  
}
```

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, 169, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 169, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 11.293, 79.637 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, 169, 151) }
```

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

```
.border{ border-color:rgb(183, 169, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 169, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 169, 151); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 169, 151); box-shadow:4px 4px 4px 4px rgb(183, 169, 151) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 11.293, 79.637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 169, 151) }
```

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

```
.background{ background-color: rgb(183,  
169, 151) }
```

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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