

Converting Colors

CIELCh(70, 19.578, 83.944)

Have a look what the booklet for
CIELCh(70, 19.578, 83.944) contains.

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Color

CIELCh(70, 19.640, 84.914)

Conversions

Conversions Part 1

Format	Color
Hex	BCA988
RGB	188, 169, 136
RGB Percent	74%, 66%, 53%
CMY	0.2635, 0.3379, 0.4673
CMYK	0.00, 0.10, 0.28, 0.26
HSL	38°, 28%, 63%
HSV	38°, 28%, 74%
XYZ	39.2794, 40.7494, 29.0228
YIQ	170.9190, 21.9170, -6.2350

Conversions

Conversions Part 2

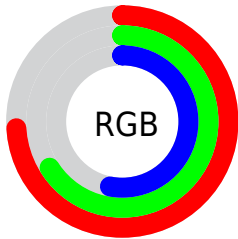
Format	Color
R_{YB}	166, 188, 136
Decimal	12364168
CIE _{Lab}	70.00, 1.74, 19.56
CIE _{LCh}	70, 19.640, 84.914
Yxy	40.7494, 0.3602, 0.3737
Android (android.graphics.Color)	4290554248 (0xFFBCA988)
YUV	170.9190, -17.2151, 14.9800
Hunter-Lab	63.8353, -1.8763, 17.7284

Details

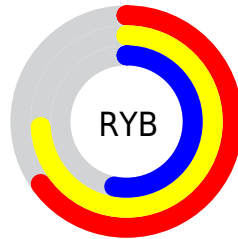
The CIELCh color **70, 19.640, 84.914** is a light color, and the websafe version is hex **999966**. A complement of this color would be **64, 19.300, 272.706**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 19.852, 84.665**, and **50, 19.627, 84.906** is the 20% darker color. If you saturate the color by 10%, you get **68, 27.049, 83.566**, and if you desaturate by 10%, it is **72, 12.388, 86.234**.

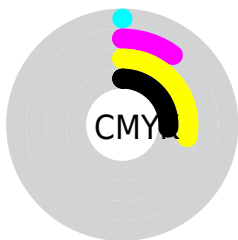
Distribution



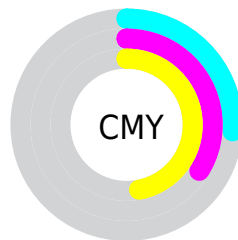
- Red (74%)
- Green (66%)
- Blue (53%)



- Red (65%)
- Yellow (74%)
- Blue (53%)



- Cyan (0%)
- Magenta (10%)
- Yellow (28%)
- Black (26%)



- Cyan (26%)
- Magenta (34%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 19.640, 84.914 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, 19.640, 84.914 by changing the saturation by 10% instead.

■ 70, 19.640, 84.914

■ 70, 19.640, 84.914

■ 100, 19.640,
84.914

■ 60, 19.640, 84.914

■ 90, 19.640, 84.914

■ 50, 19.640, 84.914

■ 40, 19.640, 84.914

■ 30, 19.640, 84.914

■ 20, 19.640, 84.914

■ 10, 19.640, 84.914

■ 0, 19.640, 84.914

■ 70, 19.640, 84.914

■ 70, 19.640, 84.914

■ 68, 27.049, 83.566

■ 72, 12.388, 86.234

66, 34.562, 82.169

74, 5.309, 87.486

64, 42.067, 80.722

77, 1.594, 268.927

62, 49.343, 79.195

79, 8.330, 269.986

60, 55.989, 77.518

81, 14.910,
271.109

58, 61.357, 75.557

84, 21.347,
272.189

56, 64.831, 73.149

86, 21.794,
266.522

56, 65.576, 72.593

88, 19.680,
255.565

89, 18.411,
242.696

Harmonies

Complementary

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



70, 19.640, 84.914



64, 19.300, 272.706

Rectangle

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



70, 19.640, 84.914



70, 19.640, 134.914



70, 19.640, 264.914



70, 19.640, 314.914

Sweetspot

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



70, 19.641, 84.921



94, 6.863, 87.432



62, 22.889, 354.367



50, 4.886, 87.248



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



70, 19.641, 84.921



87, 29.243, 84.131



74, 27.843, 113.296



39, 3.942, 87.283



48, 57.721, 73.036



7, 10.747, 75.478

Inverse Universe

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



64, 19.300, 272.706



78, 28.630, 273.854



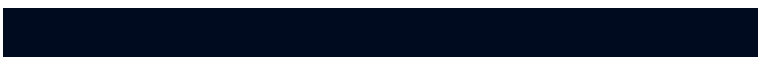
59, 29.671, 297.966



37, 3.928, 269.750



28, 64.123, 294.244



3, 13.110, 277.249

Previews

White Background



This preview shows how the CIELCh color 70, 19.640, 84.914 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, 19.640, 84.914 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

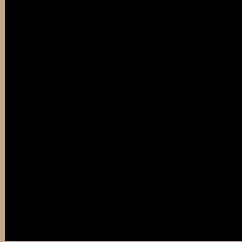
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

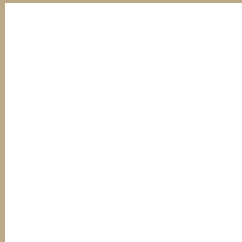
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 19.640, 84.914

Background



This preview shows how black text looks on a background with the CIELCh color 70, 19.640, 84.914.



This preview shows how white text looks on a background with the CIELCh color 70, 19.640, 84.914.

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, 19.640, 84.914

Protanopia

70, 19.028, 94.652

Deuteranopia

70, 20.846, 64.679



Tritanopia
70, 13.435, 348.792

Trichromacy



Original Color
70, 19.640, 84.914

Protanomaly
70, 18.867, 90.684

Deuteranomaly
70, 19.964, 71.743

Tritanomaly
70, 10.432, 32.248

Monochromacy



Original Color
70, 19.640, 84.914

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 7.080, 86.849

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 19.640, 84.914 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(188, 169, 136)` looks like.

```
.text, #text, p{  
    color:rgb(188, 169, 136)  
}
```

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(188, 169, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 169, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 19.640, 84.914 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(188, 169, 136) }
```

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

```
.border{ border-color:rgb(188, 169, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 169, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 169, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 169, 136);  
box-shadow:4px 4px 4px 4px rgb(188, 169,  
136) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 19.640, 84.914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 169, 136) }
```

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

```
.background{ background-color: rgb(188,  
169, 136) }
```

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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