

Converting Colors

CIELCh(70, 20.130, 84.388)

Have a look what the booklet for
CIELCh(70, 20.130, 84.388) contains.

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Color

CIELCh(70, 20.144, 85.435)

Conversions

Conversions Part 1

Format	Color
Hex	BCA987
RGB	188, 169, 135
RGB Percent	74%, 66%, 53%
CMY	0.2633, 0.3377, 0.4711
CMYK	0.00, 0.10, 0.28, 0.26
HSL	38°, 28%, 63%
HSV	38°, 28%, 74%
XYZ	39.2358, 40.7494, 28.6742
YIQ	170.8050, 22.2380, -6.5460

Conversions

Conversions Part 2

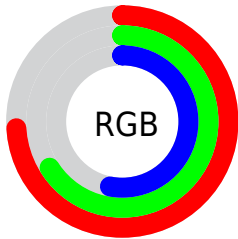
Format	Color
R _Y B	165, 188, 135
Decimal	12364167
CIE Lab	70.00, 1.60, 20.08
CIE LCh	70, 20.144, 85.435
Yxy	40.7494, 0.3611, 0.3750
Android (android.graphics.Color)	4290554247 (0xFFBCA987)
YUV	170.8050, -17.6519, 15.0800
Hunter-Lab	63.8353, -1.9982, 18.0522

Details

The CIELCh color **70, 20.144, 85.435** is a light color, and the websafe version is hex **999966**. A complement of this color would be **63, 19.840, 273.376**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 20.330, 85.184**, and **50, 20.164, 85.418** is the 20% darker color. If you saturate the color by 10%, you get **68, 27.589, 84.086**, and if you desaturate by 10%, it is **72, 12.847, 86.755**.

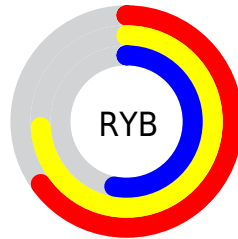
Distribution



Red (74%)

Green (66%)

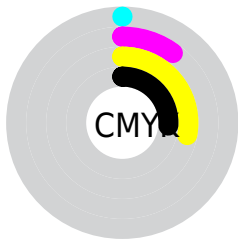
Blue (53%)



Red (65%)

Yellow (74%)

Blue (53%)

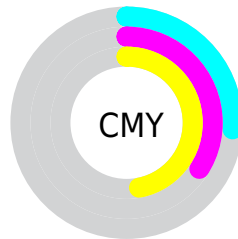


Cyan (0%)

Magenta (10%)

Yellow (28%)

Black (26%)



Cyan (26%)

Magenta (34%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 20.144, 85.435 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, 20.144, 85.435 by changing the saturation by 10% instead.

■ 70, 20.144, 85.435

■ 70, 20.144, 85.435

■ 100, 20.144,
85.435

■ 60, 20.144, 85.435

■ 90, 20.144, 85.435

■ 50, 20.144, 85.435

■ 40, 20.144, 85.435

■ 30, 20.144, 85.435

■ 20, 20.144, 85.435

■ 10, 20.144, 85.435

■ 0, 20.144, 85.435

■ 70, 20.144, 85.435

■ 70, 20.144, 85.435

■ 68, 27.589, 84.086

■ 72, 12.847, 86.755

66, 35.123, 82.690

74, 5.716, 88.010

64, 42.627, 81.241

77, 1.245, 269.487

62, 49.871, 79.711

79, 8.042, 270.505

60, 56.436, 78.029

81, 14.685,
271.628

58, 61.664, 76.062

84, 21.187,
272.707

57, 65.007, 73.665

56, 65.574, 73.241

86, 22.094,
267.755

87, 19.922,
257.275

89, 18.537,
244.882

Harmonies

Complementary

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



70, 20.144, 85.435



63, 19.840, 273.376

Rectangle

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



70, 20.144, 85.435



70, 20.144, 135.435



70, 20.144, 265.435



70, 20.144, 315.435

Sweetspot

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



70, 20.145, 85.442



94, 6.909, 88.019



62, 23.342, 354.434



50, 4.918, 87.835



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, 20.145, 85.442



87, 30.325, 84.585



74, 28.369, 113.256



39, 3.968, 87.870



48, 57.713, 73.677



7, 10.808, 76.296

Inverse Universe

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



63, 19.840, 273.376



77, 29.769, 274.631



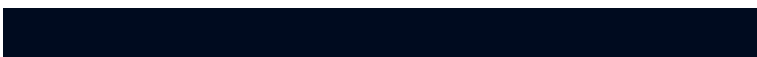
59, 30.273, 298.026



37, 3.957, 270.330



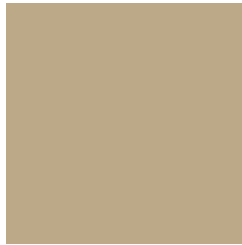
28, 64.870, 294.674



3, 13.187, 277.599

Previews

White Background



This preview shows how the CIELCh color 70, 20.144, 85.435 looks on a white background.

Color Contrast Check

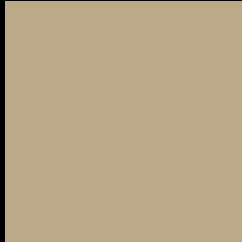
Large Text (above 18pt) WCAG AA × Fail

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, 20.144, 85.435 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

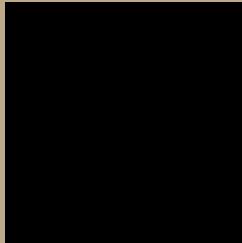
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

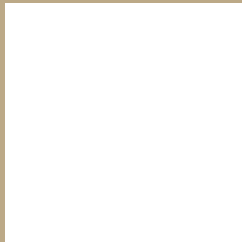
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 20.144, 85.435

Background



This preview shows how black text looks on a background with the CIELCh color 70, 20.144, 85.435.



This preview shows how white text looks on a background with the CIELCh color 70, 20.144, 85.435.

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, 20.144, 85.435

Protanopia

70, 19.555, 94.947

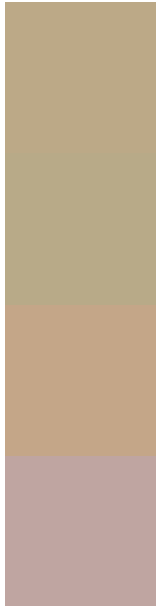
Deuteranopia

70, 21.563, 64.806



Tritanopia
70, 13.435, 348.792

Trichromacy



Original Color
70, 20.144, 85.435

Protanomaly
70, 19.387, 91.084

Deuteranomaly
70, 20.676, 71.633

Tritanomaly
70, 10.432, 32.248

Monochromacy



Original Color
70, 20.144, 85.435

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, 20.144, 85.435 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, 135)` looks like.

```
.text, #text, p{  
    color:rgb(188, 169, 135)  
}
```

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, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 169, 135) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 20.144, 85.435 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, 135) }
```

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

```
.border{ border-color:rgb(188, 169, 135) }
```

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, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 169, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 169, 135);  
box-shadow:4px 4px 4px 4px rgb(188, 169,  
135) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 20.144, 85.435 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, 135) }
```

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

```
.background{ background-color: rgb(188,  
169, 135) }
```

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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