

Converting Colors

CIELCh(70, 26.590, 86.550)

Have a look what the booklet for
CIELCh(70, 26.590, 86.550) contains.

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Color

CIELCh(70, 26.718, 87.335)

Conversions

Conversions Part 1

Format	Color
Hex	BFA97B
RGB	191, 169, 123
RGB Percent	75%, 66%, 48%
CMY	0.2520, 0.3382, 0.5186
CMYK	0.00, 0.12, 0.36, 0.25
HSL	41°, 35%, 61%
HSV	41°, 36%, 75%
XYZ	39.1218, 40.7494, 24.4641
YIQ	170.3340, 27.8780, -9.6420

Conversions

Conversions Part 2

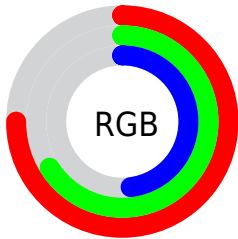
Format	Color
RYB	156, 191, 123
Decimal	12560763
CIELab	70.00, 1.24, 26.69
CIElCh	70, 26.718, 87.335
Yxy	40.7494, 0.3750, 0.3906
Android (android.graphics.Color)	4290750843 (0xFFBFA97B)
YUV	170.3340, -23.3357, 18.1241
Hunter-Lab	63.8353, -2.3170, 21.9625

Details

The CIELCh color **70, 26.718, 87.335** is a light color, and the websafe version is hex **999966**. A complement of this color would be **60, 26.647, 277.601**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 26.572, 87.358**, and **50, 26.428, 87.507** is the 20% darker color. If you saturate the color by 10%, you get **68, 34.444, 85.971**, and if you desaturate by 10%, it is **72, 19.055, 88.669**.

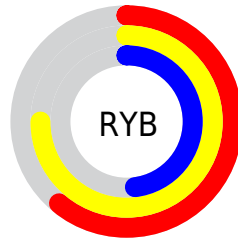
Distribution



Red (75%)

Green (66%)

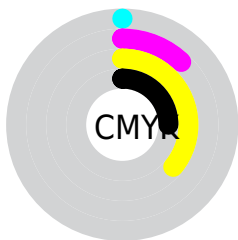
Blue (48%)



Red (61%)

Yellow (75%)

Blue (48%)

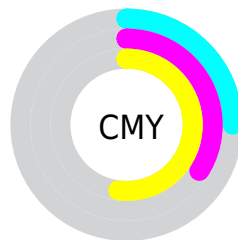


Cyan (0%)

Magenta (12%)

Yellow (36%)

Black (25%)



Cyan (25%)

Magenta (34%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 26.718, 87.335 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, 26.718, 87.335 by changing the saturation by 10% instead.

■ 70, 26.718, 87.335

■ 70, 26.718, 87.335

■ 100, 26.718,
87.335

■ 60, 26.718, 87.335

■ 90, 26.718, 87.335

■ 50, 26.718, 87.335

■ 40, 26.718, 87.335

■ 30, 26.718, 87.335

■ 20, 26.718, 87.335

■ 10, 26.718, 87.335

■ 0, 26.718, 87.335

■ 70, 26.718, 87.335

■ 70, 26.718, 87.335

■ 68, 34.444, 85.971

■ 72, 19.055, 88.669

66, 42.115, 84.557

74, 11.508, 89.955

64, 49.515, 83.078

76, 4.102, 91.170

63, 56.258, 81.486

78, 3.157, 272.502

61, 61.733, 79.683

80, 10.272,
273.608

59, 65.210, 77.509

82, 17.251,
274.703

59, 66.389, 76.512

85, 23.465,
275.189

86, 20.991,
266.910

88, 19.050,
256.795

Harmonies

Complementary

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



70, 26.718, 87.335



60, 26.647, 277.601

Rectangle

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



70, 26.718, 87.335



70, 26.718, 137.335



70, 26.718, 267.335



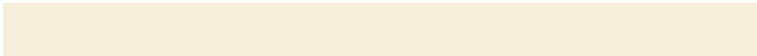
70, 26.718, 317.335

Sweetspot

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



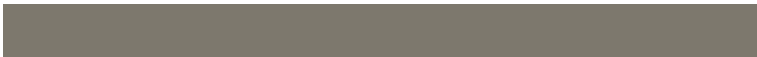
70, 26.719, 87.340



95, 9.950, 90.510



59, 29.633, 357.723



50, 6.750, 90.341



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



70, 26.719, 87.340



87, 40.037, 86.242



75, 36.200, 114.143



39, 4.106, 90.733



49, 57.803, 76.938



7, 11.158, 80.412

Inverse Universe

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



60, 26.647, 277.601



72, 40.000, 279.377



55, 39.358, 299.978



37, 4.110, 273.146



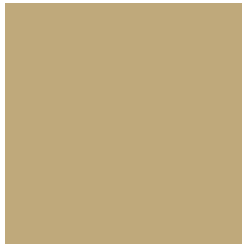
26, 68.645, 296.710



3, 13.572, 279.252

Previews

White Background



This preview shows how the CIELCh color 70, 26.718, 87.335 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, 26.718, 87.335 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

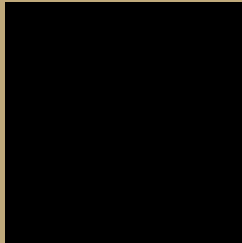
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 26.718, 87.335

Background



This preview shows how black text looks on a background with the CIELCh color 70, 26.718, 87.335.



This preview shows how white text looks on a background with the CIELCh color 70, 26.718, 87.335.

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, 26.718, 87.335

Protanopia

70, 26.059, 95.542

Deuteranopia

70, 27.656, 71.225



Tritanopia
70, 14.777, 352.148

Trichromacy



Original Color
70, 26.718, 87.335

Protanomaly
70, 25.875, 92.615

Deuteranomaly
70, 26.995, 76.708

Tritanomaly
70, 12.724, 40.291

Monochromacy



Original Color
70, 26.718, 87.335

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 9.785, 90.433

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 26.718, 87.335 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(191, 169, 123)` looks like.

```
.text, #text, p{  
    color:rgb(191, 169, 123)  
}
```

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(191, 169, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 169, 123) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 26.718, 87.335 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(191, 169, 123) }
```

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

```
.border{ border-color:rgb(191, 169, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 169, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 169, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 169, 123);  
box-shadow:4px 4px 4px 4px rgb(191, 169,  
123) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 26.718, 87.335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 169, 123) }
```

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

```
.background{ background-color: rgb(191,  
169, 123) }
```

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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