

Converting Colors

CIELCh(69, 26.654, 88.119)

Have a look what the booklet for
CIELCh(69, 26.654, 88.119) contains.

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Color

CIELCh(69, 26.654, 88.119)

Conversions

Conversions Part 1

Format	Color
Hex	BBA678
RGB	187, 166, 120
RGB Percent	73%, 65%, 47%
CMY	0.2655, 0.3479, 0.5283
CMYK	0.00, 0.11, 0.36, 0.27
HSL	41°, 33%, 60%
HSV	41°, 36%, 73%
XYZ	37.6642, 39.3444, 23.4671
YIQ	167.0350, 27.2820, -9.8540

Conversions

Conversions Part 2

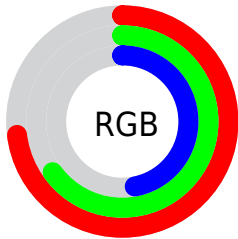
Format	Color
RYB	151, 187, 120
Decimal	12297848
CIELab	69.00, 0.87, 26.64
CIElCh	69, 26.654, 88.119
Yxy	39.3444, 0.3749, 0.3916
Android (android.graphics.Color)	4290487928 (0xFFBBA678)
YUV	167.0350, -23.1883, 17.5093
Hunter-Lab	62.7251, -2.5860, 21.7257

Details

The CIELCh color **69, 26.654, 88.119** is a light color, and the websafe version is hex **999966**. A complement of this color would be **59, 26.700, 278.361**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 26.498, 88.113**, and **49, 26.545, 87.383** is the 20% darker color. If you saturate the color by 10%, you get **67, 34.302, 86.764**, and if you desaturate by 10%, it is **71, 19.054, 89.445**.

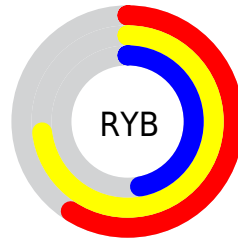
Distribution



Red (73%)

Green (65%)

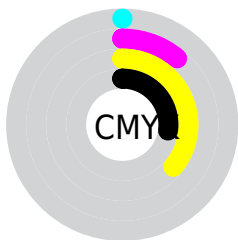
Blue (47%)



Red (59%)

Yellow (73%)

Blue (47%)

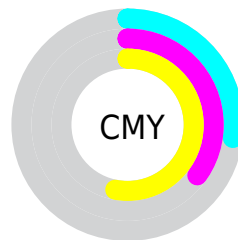


Cyan (0%)

Magenta (11%)

Yellow (36%)

Black (27%)



Cyan (27%)

Magenta (35%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 26.654, 88.119 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 69, 26.654, 88.119 by changing the saturation by 10% instead.

69, 26.654, 88.119

69, 26.654, 88.119

100, 26.654,
88.119

59, 26.654, 88.119

89, 26.654, 88.119

49, 26.654, 88.119

99, 26.654, 88.119

39, 26.654, 88.119

29, 26.654, 88.119

19, 26.654, 88.119

9, 26.654, 88.119

0, 26.654, 88.119

69, 26.654, 88.119

69, 26.654, 88.119

67, 34.302, 86.764

71, 19.054, 89.445

65, 41.877, 85.360

73, 11.557, 90.723

64, 49.161, 83.894

75, 4.189, 91.933

62, 55.769, 82.321

77, 3.040, 273.253

60, 61.099, 80.547

79, 10.133,
274.352

59, 64.451, 78.425

81, 17.096,
275.441

58, 65.566, 77.491

83, 23.937,
276.483

85, 23.217,
271.036

86, 21.078,
262.727

Harmonies

Complementary

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



69, 26.654, 88.119



59, 26.700, 278.361

Rectangle

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



69, 26.654, 88.119



69, 26.654, 138.119



69, 26.654, 268.119



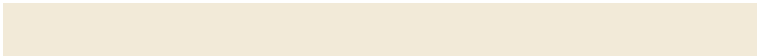
69, 26.654, 318.119

Sweetspot

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



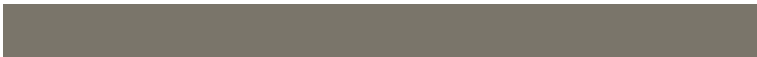
69, 26.655, 88.124



93, 9.880, 91.293



58, 29.136, 358.904



50, 6.702, 91.126



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



69, 26.655, 88.124



85, 39.666, 87.052



74, 35.878, 114.855



39, 4.147, 91.514



50, 57.869, 77.866



7, 11.271, 81.569

Inverse Universe

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



59, 26.700, 278.361



70, 39.850, 280.094



54, 38.977, 300.524



37, 4.155, 273.911



26, 69.712, 297.247



3, 13.681, 279.697

Previews

White Background



This preview shows how the CIELCh color 69, 26.654, 88.119 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 69, 26.654, 88.119 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

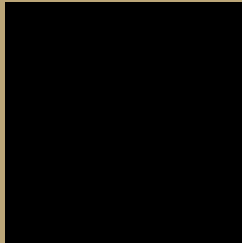
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 26.654, 88.119

Background



This preview shows how black text looks on a background with the CIELCh color 69, 26.654, 88.119.



This preview shows how white text looks on a background with the CIELCh color 69, 26.654, 88.119.

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

69, 26.654, 88.119

Protanopia

69, 26.140, 95.481

Deuteranopia

69, 27.767, 71.155



Tritanopia
69, 14.233, 353.330

Trichromacy



Original Color
69, 26.654, 88.119

Protanomaly
69, 25.958, 92.550

Deuteranomaly
69, 26.864, 77.404

Tritanomaly
69, 12.608, 43.156

Monochromacy



Original Color
69, 26.654, 88.119

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 9.698, 92.635

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 26.654, 88.119 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(187, 166, 120)` looks like.

```
.text, #text, p{  
    color:rgb(187, 166, 120)  
}
```

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(187, 166, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 166, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 26.654, 88.119 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(187, 166, 120) }
```

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

```
.border{ border-color:rgb(187, 166, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 166, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 166, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 166, 120);  
box-shadow:4px 4px 4px 4px rgb(187, 166,  
120) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 26.654, 88.119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 166, 120) }
```

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

```
.background{ background-color: rgb(187,  
166, 120) }
```

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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