

Converting Colors

CIELCh(69, 13.957, 70.242)

Have a look what the booklet for
CIELCh(69, 13.957, 70.242) contains.

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Color

CIELCh(69, 13.888, 71.412)

Conversions

Conversions Part 1

Format	Color
Hex	BAA591
RGB	186, 165, 145
RGB Percent	73%, 65%, 57%
CMY	0.2710, 0.3533, 0.4317
CMYK	0.00, 0.11, 0.22, 0.27
HSL	29°, 23%, 65%
HSV	29°, 22%, 73%
XYZ	38.7677, 39.3444, 32.3015
YIQ	168.9990, 18.9360, -1.7680

Conversions

Conversions Part 2

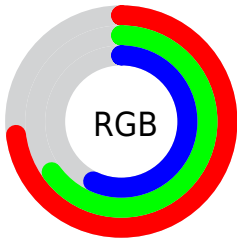
Format	Color
R _Y B	186, 184, 145
Decimal	12232081
CIE Lab	69.00, 4.43, 13.16
CIE LCh	69, 13.888, 71.412
Yxy	39.3444, 0.3511, 0.3563
Android (android.graphics.Color)	4290422161 (0xFFBAA591)
YUV	168.9990, -11.8315, 14.9099
Hunter-Lab	62.7251, 0.5541, 13.3751

Details

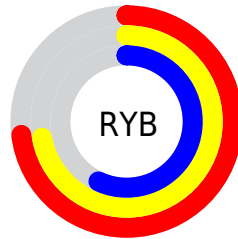
The CIELCh color $69, 13.888, 71.412$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $67, 13.045, 257.268$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 13.733, 71.952$, and $49, 13.511, 70.641$ is the 20% darker color. If you saturate the color by 10%, you get $66, 20.691, 70.207$, and if you desaturate by 10%, it is $72, 7.407, 72.613$.

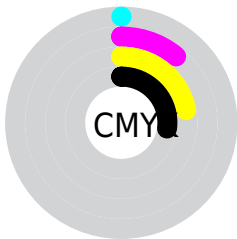
Distribution



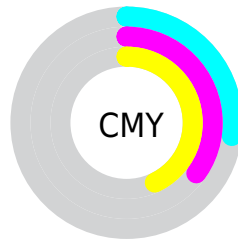
- Red (73%)
- Green (65%)
- Blue (57%)



- Red (73%)
- Yellow (72%)
- Blue (57%)



- Cyan (0%)
- Magenta (11%)
- Yellow (22%)
- Black (27%)



- Cyan (27%)
- Magenta (35%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 13.888, 71.412 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, 13.888, 71.412 by changing the saturation by 10% instead.

■ 69, 13.888, 71.412

■ 69, 13.888, 71.412

■ 100, 13.888,
71.412

■ 59, 13.888, 71.412

■ 89, 13.888, 71.412

■ 49, 13.888, 71.412

■ 99, 13.888, 71.412

■ 39, 13.888, 71.412

■ 29, 13.888, 71.412

■ 19, 13.888, 71.412

■ 9, 13.888, 71.412

■ 0, 13.888, 71.412

■ 69, 13.888, 71.412

■ 69, 13.888, 71.412

■ 66, 20.691, 70.207

■ 72, 7.407, 72.613

63, 27.820, 68.982

75, 1.226, 73.565

61, 35.250, 67.748

78, 4.681, 255.104

58, 42.893, 66.486

81, 10.342,
256.200

56, 50.540, 65.139

84, 15.785,
257.290

53, 57.754, 63.572

51, 63.761, 61.520

87, 20.429,
257.036

49, 67.574, 59.590

89, 18.738,
239.557

92, 18.937,
220.896

94, 20.912,
204.414

Harmonies

Complementary

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



69, 13.888, 71.412



67, 13.045, 257.268

Rectangle

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



69, 13.888, 71.412



69, 13.888, 121.412



69, 13.888, 251.412



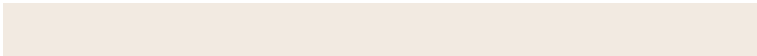
69, 13.888, 301.412

Sweetspot

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



69, 13.888, 71.422



93, 5.270, 73.171



64, 19.598, 344.659



50, 3.457, 73.106



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, 13.888, 71.422



86, 20.525, 70.891



74, 21.588, 107.367



37, 3.424, 72.926



41, 59.059, 60.150



5, 8.749, 59.863

Inverse Universe

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



67, 13.045, 257.268



83, 19.009, 258.043



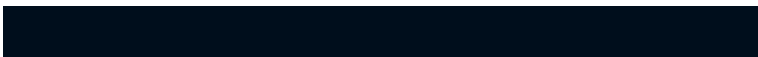
62, 22.677, 292.044



37, 3.346, 255.348



34, 48.100, 282.194



4, 10.098, 266.360

Previews

White Background



This preview shows how the CIELCh color 69, 13.888, 71.412 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, 13.888, 71.412 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

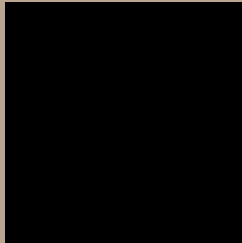
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 13.888, 71.412

Background



This preview shows how black text looks on a background with the CIELCh color 69, 13.888, 71.412.



This preview shows how white text looks on a background with the CIELCh color 69, 13.888, 71.412.

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, 13.888, 71.412

Protanopia

69, 12.543, 92.275

Deuteranopia

69, 15.750, 56.175



Tritanopia
69, 12.540, 349.003

Trichromacy



Original Color
69, 13.888, 71.412

Protanomaly
69, 12.614, 84.592

Deuteranomaly
69, 14.799, 61.501

Tritanomaly
69, 10.132, 17.200

Monochromacy



Original Color
69, 13.888, 71.412

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 5.130, 77.829

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 13.888, 71.412 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(186, 165, 145)` looks like.

```
.text, #text, p{  
    color:rgb(186, 165, 145)  
}
```

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(186, 165, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 165, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 13.888, 71.412 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(186, 165, 145) }
```

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

```
.border{ border-color:rgb(186, 165, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 165, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 165, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 165, 145);  
box-shadow:4px 4px 4px 4px rgb(186, 165,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 13.888, 71.412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 165, 145) }
```

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

```
.background{ background-color: rgb(186,  
165, 145) }
```

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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