

Converting Colors

CIELCh(69, 8.315, 65.968)

Have a look what the booklet for
CIELCh(69, 8.315, 65.968) contains.

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Color

CIELCh(69, 8.156, 67.073)

Conversions

Conversions Part 1

Format	Color
Hex	B4A69B
RGB	180, 166, 155
RGB Percent	71%, 65%, 61%
CMY	0.2941, 0.3490, 0.3921
CMYK	0.00, 0.08, 0.14, 0.29
HSL	26°, 14%, 66%
HSV	26°, 14%, 71%
XYZ	38.3770, 39.3444, 36.5839
YIQ	168.9320, 11.8750, -0.4530

Conversions

Conversions Part 2

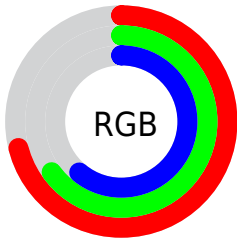
Format	Color
RYB	180, 175, 155
Decimal	11839131
CIELab	69.00, 3.18, 7.51
CIElCh	69, 8.156, 67.073
Yxy	39.3444, 0.3357, 0.3442
Android (android.graphics.Color)	4290029211 (0xFFB4A69B)
YUV	168.9320, -6.8685, 9.7066
Hunter-Lab	62.7251, -0.5576, 9.3272

Details

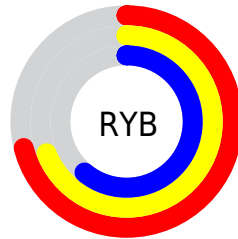
The CIELCh color $69, 8.156, 67.073$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $68, 7.775, 250.447$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 8.336, 67.821$, and $49, 8.066, 66.084$ is the 20% darker color. If you saturate the color by 10%, you get $66, 14.433, 66.001$, and if you desaturate by 10%, it is $72, 2.218, 68.071$.

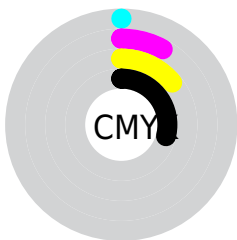
Distribution



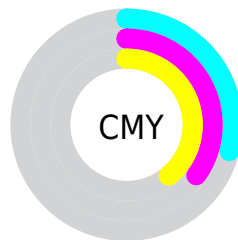
- Red (71%)
- Green (65%)
- Blue (61%)



- Red (71%)
- Yellow (69%)
- Blue (61%)



- Cyan (0%)
- Magenta (8%)
- Yellow (14%)
- Black (29%)





- Cyan (29%)
- Magenta (35%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 8.156, 67.073 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, 8.156, 67.073 by changing the saturation by 10% instead.

 69, 8.156, 67.073  69, 8.156, 67.073

 100, 8.156, 67.073  59, 8.156, 67.073

 89, 8.156, 67.073  49, 8.156, 67.073

 99, 8.156, 67.073  39, 8.156, 67.073


 29, 8.156, 67.073

 19, 8.156, 67.073

 9, 8.156, 67.073

 0, 8.156, 67.073

 69, 8.156, 67.073  69, 8.156, 67.073

 66, 14.433, 66.001  72, 2.218, 68.071

63, 21.073, 64.912

75, 3.413, 249.454

60, 28.089, 63.836

78, 8.771, 250.465

57, 35.459, 62.774

82, 13.886,
251.502

55, 43.100, 61.706

85, 18.787,
252.518

52, 50.800, 60.565

50, 58.104, 59.193

88, 20.579,
245.425

47, 64.186, 57.273

90, 20.098,
227.046

46, 67.438, 56.009

93, 21.570,
209.760

95, 23.986,
197.939

Harmonies

Complementary

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



69, 8.156, 67.073



68, 7.775, 250.447

Rectangle

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



69, 8.156, 67.073



69, 8.156, 117.073



69, 8.156, 247.073



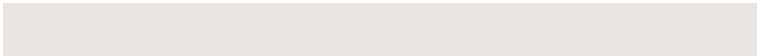
69, 8.156, 297.073

Sweetspot

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



69, 8.156, 67.089



91, 2.832, 68.059



67, 12.345, 341.292



48, 2.016, 68.002



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



69, 8.156, 67.089



86, 12.502, 66.721



72, 12.632, 105.962



36, 3.261, 67.572



39, 59.608, 56.529



4, 7.502, 56.654

Inverse Universe

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



68, 7.775, 250.447



86, 11.760, 250.931



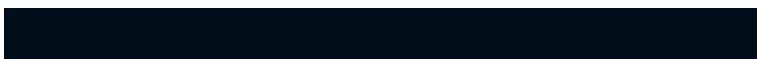
65, 12.977, 288.906



36, 3.164, 249.853



36, 43.106, 276.760



4, 8.358, 260.770

Previews

White Background



This preview shows how the CIELCh color 69, 8.156, 67.073 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, 8.156, 67.073 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

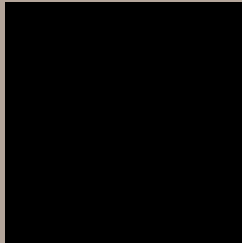
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 8.156, 67.073

Background



This preview shows how black text looks on a background with the CIELCh color 69, 8.156, 67.073.



This preview shows how white text looks on a background with the CIELCh color 69, 8.156, 67.073.

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, 8.156, 67.073

Protanopia

69, 6.955, 89.828

Deuteranopia

69, 10.996, 40.482



Tritanopia
69, 10.410, 337.129

Trichromacy



Original Color
69, 8.156, 67.073

Protanomaly
69, 6.960, 79.178

Deuteranomaly
69, 9.737, 46.631

Tritanomaly
69, 7.244, 2.436

Monochromacy



Original Color
69, 8.156, 67.073

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 2.891, 68.470

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 8.156, 67.073 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(180, 166, 155)` looks like.

```
.text, #text, p{  
    color:rgb(180, 166, 155)  
}
```

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(180, 166, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 166, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 8.156, 67.073 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(180, 166, 155) }
```

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

```
.border{ border-color:rgb(180, 166, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 166, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 166, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 166, 155);  
box-shadow:4px 4px 4px 4px rgb(180, 166,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 8.156, 67.073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 166, 155) }
```

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

```
.background{ background-color: rgb(180,  
166, 155) }
```

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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