

Converting Colors

CIELCh(69, 2.982, 61.738)

Have a look what the booklet for
CIELCh(69, 2.982, 61.738) contains.

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Color

CIELCh(69, 2.810, 55.137)

Conversions

Conversions Part 1

Format	Color
Hex	ADA7A4
RGB	173, 167, 164
RGB Percent	68%, 65%, 64%
CMY	0.3205, 0.3440, 0.3558
CMYK	0.00, 0.03, 0.05, 0.32
HSL	20°, 5%, 66%
HSV	20°, 5%, 68%
XYZ	37.8897, 39.3444, 40.8491
YIQ	168.4520, 4.5390, 0.3390

Conversions

Conversions Part 2

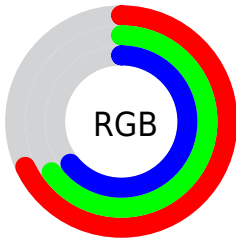
Format	Color
RYB	173, 169, 164
Decimal	11380644
CIELab	69.00, 1.61, 2.31
CIElCh	69, 2.810, 55.137
Yxy	39.3444, 0.3209, 0.3332
Android (android.graphics.Color)	4289570724 (0xFFADA7A4)
YUV	168.4520, -2.1948, 3.9886
Hunter-Lab	62.7251, -1.9444, 5.2956

Details

The CIELCh color **69, 2.810, 55.137** is a light color, and the websafe version is hex **999999**. A complement of this color would be **69, 2.747, 236.331**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 2.657, 55.182**, and **49, 3.021, 55.026** is the 20% darker color. If you saturate the color by 10%, you get **66, 8.517, 54.524**, and if you desaturate by 10%, it is **73, 2.521, 236.300**.

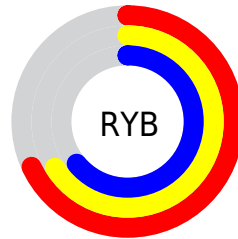
Distribution



Red (68%)

Green (65%)

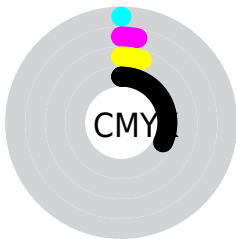
Blue (64%)



Red (68%)

Yellow (66%)

Blue (64%)

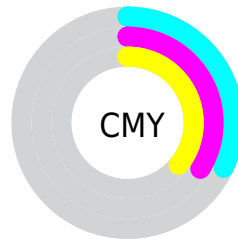


Cyan (0%)

Magenta (3%)

Yellow (5%)

Black (32%)



Cyan (32%)

Magenta (34%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 2.810, 55.137 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, 2.810, 55.137 by changing the saturation by 10% instead.

■ 69, 2.810, 55.137

■ 69, 2.810, 55.137

■ 100, 2.810, 55.137

■ 59, 2.810, 55.137

■ 89, 2.810, 55.137

■ 49, 2.810, 55.137

■ 99, 2.810, 55.137

■ 39, 2.810, 55.137

■ 29, 2.810, 55.137

■ 19, 2.810, 55.137

■ 9, 2.810, 55.137

■ 0, 2.810, 55.137

■ 69, 2.810, 55.137

■ 69, 2.810, 55.137

■ 66, 8.517, 54.524

■ 73, 2.521, 236.300

62, 14.641, 53.833

76, 7.518, 236.992

59, 21.216, 53.195

80, 12.218,
237.782

56, 28.263, 52.635

83, 16.659,
238.581

52, 35.773, 52.163

49, 43.676, 51.768

87, 20.873,
239.373

47, 51.776, 51.385

90, 21.800,
224.539

44, 59.618, 50.834

42, 66.314, 49.731

93, 23.793,
206.645

95, 25.861,
197.823

Harmonies

Complementary

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



69, 2.810, 55.137



69, 2.747, 236.331

Rectangle

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



69, 2.810, 55.137



69, 2.810, 105.137



69, 2.810, 235.137



69, 2.810, 285.137

Sweetspot

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



69, 2.810, 55.179



88, 1.317, 55.179



68, 4.768, 335.957



47, 0.748, 55.164



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



69, 2.810, 55.179



87, 4.018, 55.132



70, 4.122, 101.744



35, 2.155, 55.109



36, 62.261, 49.728



3, 6.427, 48.116

Inverse Universe

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



69, 2.747, 236.331



87, 3.908, 236.389



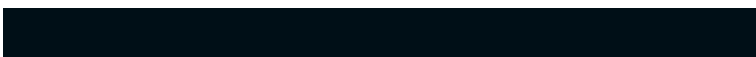
68, 4.164, 282.940



36, 2.091, 236.418



40, 34.647, 261.223



4, 6.549, 247.143

Previews

White Background



This preview shows how the CIELCh color 69, 2.810, 55.137 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, 2.810, 55.137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

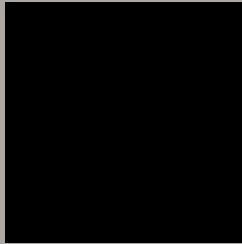
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

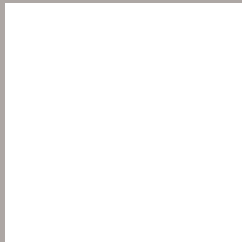
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 2.810, 55.137

Background



This preview shows how black text looks on a background with the CIELCh color 69, 2.810, 55.137.

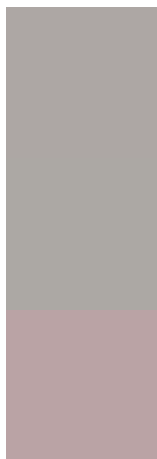


This preview shows how white text looks on a background with the CIELCh color 69, 2.810, 55.137.

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, 2.810, 55.137

Protanopia

69, 2.655, 74.742

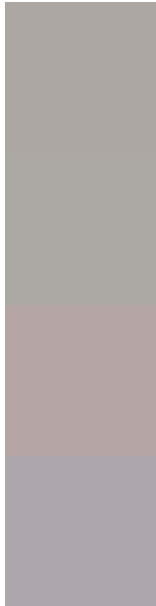
Deuteranopia

69, 8.965, 13.184



Tritanopia
69, 8.099, 318.171

Trichromacy



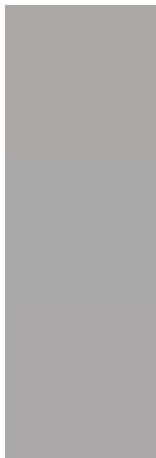
Original Color
69, 2.810, 55.137

Protanomaly
69, 2.655, 74.742

Deuteranomaly
69, 6.163, 19.875

Tritanomaly
69, 4.911, 328.255

Monochromacy



Original Color
69, 2.810, 55.137

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 1.255, 44.943

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 2.810, 55.137 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(173, 167, 164)` looks like.

```
.text, #text, p{  
    color:rgb(173, 167, 164)  
}
```

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(173, 167, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 167, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 2.810, 55.137 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(173, 167, 164) }
```

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

```
.border{ border-color:rgb(173, 167, 164) }
```

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

Here you see how a box with a 4 pixel rgb(173, 167, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 167, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 167, 164);  
box-shadow:4px 4px 4px 4px rgb(173, 167,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 2.810, 55.137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 167, 164) }
```

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

```
.background{ background-color: rgb(173,  
167, 164) }
```

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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