

Converting Colors

CIELCh(69, 10.235, 84.943)

Have a look what the booklet for
CIELCh(69, 10.235, 84.943) contains.

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Color

CIELCh(69, 10.269, 84.059)

Conversions

Conversions Part 1

Format	Color
Hex	B2A796
RGB	178, 167, 150
RGB Percent	70%, 65%, 59%
CMY	0.3017, 0.3448, 0.4115
CMYK	0.00, 0.06, 0.16, 0.30
HSL	36°, 15%, 64%
HSV	36°, 16%, 70%
XYZ	37.7221, 39.3444, 34.4921
YIQ	168.3510, 12.0130, -2.9550

Conversions

Conversions Part 2

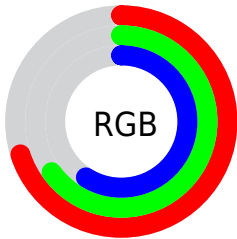
Format	Color
RYB	168, 178, 150
Decimal	11708310
CIELab	69.00, 1.06, 10.21
CIELCh	69, 10.269, 84.059
Yxy	39.3444, 0.3381, 0.3527
Android (android.graphics.Color)	4289898390 (0xFFB2A796)
YUV	168.3510, -9.0470, 8.4622
Hunter-Lab	62.7251, -2.4213, 11.3044

Details

The CIELCh color $69, 10.269, 84.059$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $66, 10.122, 268.279$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 10.346, 83.749$, and $49, 10.310, 84.226$ is the 20% darker color. If you saturate the color by 10%, you get $67, 17.050, 82.769$, and if you desaturate by 10%, it is $71, 3.681, 85.298$.

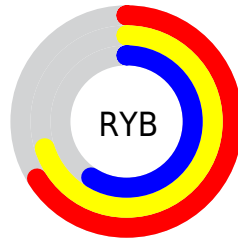
Distribution



Red (70%)

Green (65%)

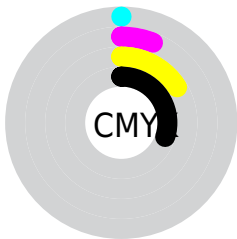
Blue (59%)



Red (66%)

Yellow (70%)

Blue (59%)

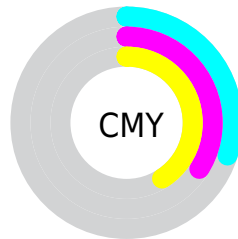


Cyan (0%)

Magenta (6%)

Yellow (16%)

Black (30%)



Cyan (30%)

Magenta (34%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 10.269, 84.059 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, 10.269, 84.059 by changing the saturation by 10% instead.

■ 69, 10.269, 84.059

■ 69, 10.269, 84.059

■ 100, 10.269,
84.059

■ 59, 10.269, 84.059

■ 89, 10.269, 84.059

■ 49, 10.269, 84.059

■ 99, 10.269, 84.059

■ 39, 10.269, 84.059

■ 29, 10.269, 84.059

■ 19, 10.269, 84.059

■ 9, 10.269, 84.059

■ 0, 10.269, 84.059

■ 69, 10.269, 84.059

■ 69, 10.269, 84.059

■ 67, 17.050, 82.769

■ 71, 3.681, 85.298

65, 24.013, 81.425

74, 2.724, 266.694

62, 31.127, 80.042

76, 8.954, 267.811

60, 38.310, 78.614

78, 15.026,
268.932

58, 45.392, 77.113

81, 20.953,
270.010

56, 52.049, 75.477

55, 57.725, 73.575

83, 25.826,
270.048

53, 61.691, 71.200

85, 23.339,
260.947

52, 63.176, 70.162

87, 21.546,
250.142

89, 20.608,
238.013

Harmonies

Complementary

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



69, 10.269, 84.059



66, 10.122, 268.279

Rectangle

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



69, 10.269, 84.059



69, 10.269, 134.059



69, 10.269, 264.059



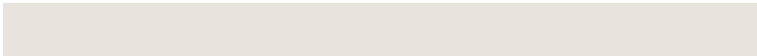
69, 10.269, 314.059

Sweetspot

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



69, 10.270, 84.071



91, 3.982, 85.369



65, 12.482, 350.846



48, 2.742, 85.292



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, 10.270, 84.071



87, 15.471, 83.607



72, 15.192, 112.845



37, 3.670, 84.872



45, 56.456, 70.593



5, 8.005, 74.974

Inverse Universe

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



66, 10.122, 268.279



82, 15.186, 268.852



63, 15.733, 295.511



36, 3.645, 267.346



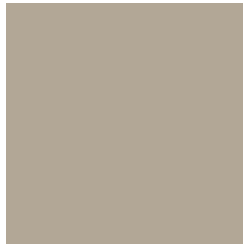
28, 59.523, 292.311



3, 9.647, 273.456

Previews

White Background



This preview shows how the CIELCh color 69, 10.269, 84.059 looks on a white background.

Color Contrast Check

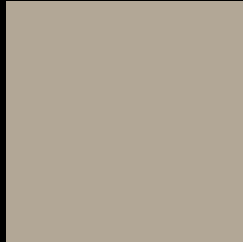
Large Text (above 18pt) WCAG AA × Fail

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, 10.269, 84.059 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

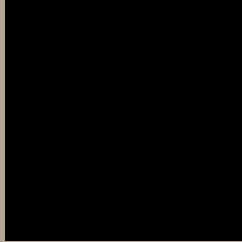
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

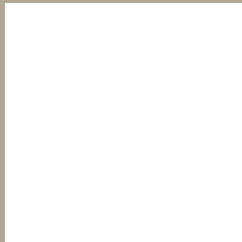
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 10.269, 84.059

Background



This preview shows how black text looks on a background with the CIELCh color 69, 10.269, 84.059.



This preview shows how white text looks on a background with the CIELCh color 69, 10.269, 84.059.

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, 10.269, 84.059

Protanopia

69, 10.329, 91.301

Deuteranopia

69, 13.132, 47.389



Tritanopia
69, 10.139, 335.618

Trichromacy



Original Color
69, 10.269, 84.059

Protanomaly
69, 10.458, 89.218

Deuteranomaly
69, 11.329, 58.664

Tritanomaly
69, 6.731, 5.846

Monochromacy



Original Color
69, 10.269, 84.059

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 4.114, 87.783

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 10.269, 84.059 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(178, 167, 150)` looks like.

```
.text, #text, p{  
    color:rgb(178, 167, 150)  
}
```

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(178, 167, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 167, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 10.269, 84.059 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(178, 167, 150) }
```

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

```
.border{ border-color:rgb(178, 167, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 167, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 167, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 167, 150);  
box-shadow:4px 4px 4px 4px rgb(178, 167,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 10.269, 84.059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 167, 150) }
```

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

```
.background{ background-color: rgb(178,  
167, 150) }
```

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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