

Converting Colors

CIELCh(69, 9.270, 69.547)

Have a look what the booklet for
CIELCh(69, 9.270, 69.547) contains.

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Color

CIELCh(69, 9.265, 69.627)

Conversions

Conversions Part 1

Format	Color
Hex	B5A699
RGB	181, 166, 153
RGB Percent	71%, 65%, 60%
CMY	0.2906, 0.3494, 0.4004
CMYK	0.00, 0.08, 0.15, 0.29
HSL	28°, 16%, 65%
HSV	28°, 15%, 71%
XYZ	38.3920, 39.3444, 35.6652
YIQ	169.0030, 13.1130, -0.8630

Conversions

Conversions Part 2

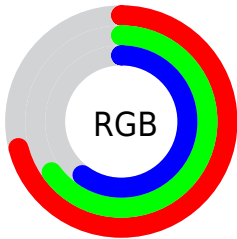
Format	Color
RYB	181, 177, 153
Decimal	11904665
CIELab	69.00, 3.23, 8.69
CIELCh	69, 9.265, 69.627
Yxy	39.3444, 0.3385, 0.3469
Android (android.graphics.Color)	4290094745 (0xFFB5A699)
YUV	169.0030, -7.8895, 10.5214
Hunter-Lab	62.7251, -0.5148, 10.1956

Details

The CIELCh color $69, 9.265, 69.627$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $68, 8.832, 253.533$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 9.385, 70.185$, and $49, 9.258, 68.837$ is the 20% darker color. If you saturate the color by 10%, you get $66, 15.661, 68.490$, and if you desaturate by 10%, it is $72, 3.192, 70.726$.

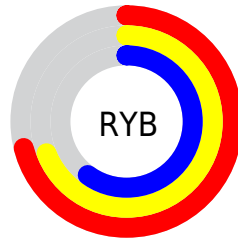
Distribution



Red (71%)

Green (65%)

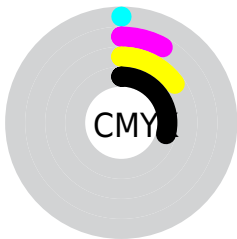
Blue (60%)



Red (71%)

Yellow (69%)

Blue (60%)

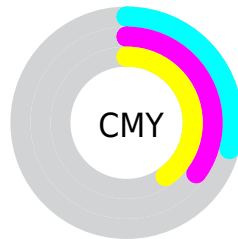


Cyan (0%)

Magenta (8%)

Yellow (15%)

Black (29%)



Cyan (29%)

Magenta (35%)

Yellow (40%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 9.265, 69.627 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, 9.265, 69.627 by changing the saturation by 10% instead.

 69, 9.265, 69.627  69, 9.265, 69.627

 100, 9.265, 69.627  59, 9.265, 69.627

 89, 9.265, 69.627  49, 9.265, 69.627


 99, 9.265, 69.627  39, 9.265, 69.627

 29, 9.265, 69.627

 19, 9.265, 69.627

 9, 9.265, 69.627

 0, 9.265, 69.627

 69, 9.265, 69.627  69, 9.265, 69.627

 66, 15.661, 68.490  72, 3.192, 70.726

63, 22.399, 67.330

75, 2.586, 252.127

60, 29.483, 66.173

78, 8.100, 253.151

58, 36.878, 65.015

81, 13.379,
254.223

55, 44.477, 63.828

84, 18.450,
255.271

53, 52.027, 62.536

50, 59.009, 60.962

87, 20.828,
250.221

48, 64.572, 58.788

90, 19.812,
232.669

47, 66.895, 57.818

92, 20.660,
215.194

95, 23.108,
200.432

Harmonies

Complementary

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



69, 9.265, 69.627



68, 8.832, 253.533

Rectangle

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



69, 9.265, 69.627



69, 9.265, 119.627



69, 9.265, 249.627



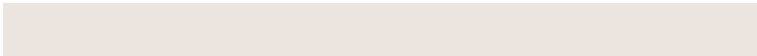
69, 9.265, 299.627

Sweetspot

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



69, 9.265, 69.641



91, 3.597, 70.762



66, 13.677, 342.277



48, 2.457, 70.698



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, 9.265, 69.641



86, 14.194, 69.201



73, 14.369, 106.563



36, 3.300, 70.330



40, 58.928, 58.356



4, 7.522, 59.183

Inverse Universe

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



68, 8.832, 253.533



84, 13.348, 254.119



64, 14.826, 289.823



36, 3.213, 252.688



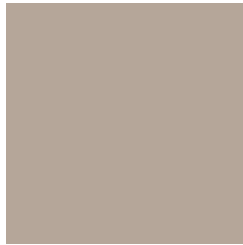
35, 45.271, 279.595



3, 8.533, 263.042

Previews

White Background



This preview shows how the CIELCh color 69, 9.265, 69.627 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, 9.265, 69.627 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

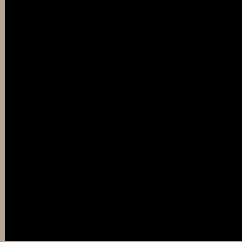
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

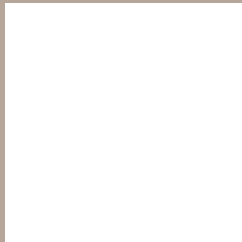
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 9.265, 69.627

Background



This preview shows how black text looks on a background with the CIELCh color 69, 9.265, 69.627.

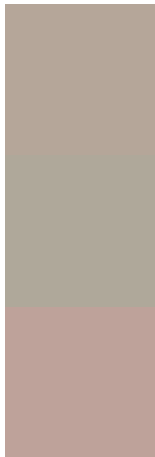


This preview shows how white text looks on a background with the CIELCh color 69, 9.265, 69.627.

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, 9.265, 69.627

Protanopia

69, 8.121, 89.625

Deuteranopia

69, 11.994, 41.567



Tritanopia
69, 10.338, 340.846

Trichromacy



Original Color
69, 9.265, 69.627

Protanomaly
69, 8.117, 80.474

Deuteranomaly
69, 10.743, 47.266

Tritanomaly
69, 7.488, 7.387

Monochromacy



Original Color
69, 9.265, 69.627

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 3.325, 74.631

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 9.265, 69.627 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(181, 166, 153)` looks like.

```
.text, #text, p{  
    color:rgb(181, 166, 153)  
}
```

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(181, 166, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 166, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 9.265, 69.627 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(181, 166, 153) }
```

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

```
.border{ border-color:rgb(181, 166, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 166, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 166, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 166, 153);  
box-shadow:4px 4px 4px 4px rgb(181, 166,  
153) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 9.265, 69.627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 166, 153) }
```

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

```
.background{ background-color: rgb(181,  
166, 153) }
```

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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