

Converting Colors

CIELCh(69, 9.431, 66.622)

Have a look what the booklet for
CIELCh(69, 9.431, 66.622) contains.

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Color

CIELCh(69, 9.529, 67.785)

Conversions

Conversions Part 1

Format	Color
Hex	B6A699
RGB	182, 166, 153
RGB Percent	71%, 65%, 60%
CMY	0.2876, 0.3503, 0.4013
CMYK	0.00, 0.09, 0.16, 0.29
HSL	27°, 17%, 66%
HSV	27°, 16%, 71%
XYZ	38.5097, 39.3444, 35.5595
YIQ	169.3020, 13.7090, -0.6510

Conversions

Conversions Part 2

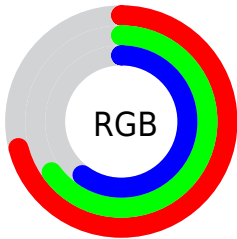
Format	Color
RYB	182, 177, 153
Decimal	11970201
CIELab	69.00, 3.60, 8.82
CIElCh	69, 9.529, 67.785
Yxy	39.3444, 0.3396, 0.3469
Android (android.graphics.Color)	4290160281 (0xFFB6A699)
YUV	169.3020, -8.0369, 11.1361
Hunter-Lab	62.7251, -0.1799, 10.2954

Details

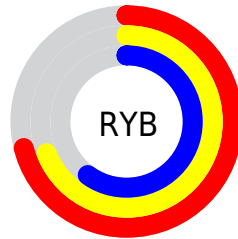
The CIELCh color $69, 9.529, 67.785$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $68, 9.030, 251.726$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 9.630, 68.457$, and $49, 9.551, 66.870$ is the 20% darker color. If you saturate the color by 10%, you get $66, 15.938, 66.686$, and if you desaturate by 10%, it is $72, 3.460, 68.857$.

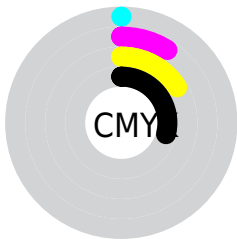
Distribution



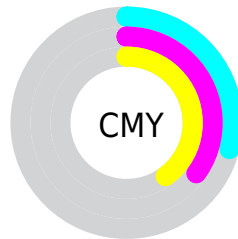
- Red (71%)
- Green (65%)
- Blue (60%)



- Red (71%)
- Yellow (69%)
- Blue (60%)



- Cyan (0%)
- Magenta (9%)
- Yellow (16%)
- Black (29%)



- Cyan (29%)
- Magenta (35%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 9.529, 67.785 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, 9.529, 67.785 by changing the saturation by 10% instead.

 69, 9.529, 67.785  69, 9.529, 67.785

 100, 9.529, 67.785  59, 9.529, 67.785

 89, 9.529, 67.785  49, 9.529, 67.785

 99, 9.529, 67.785  39, 9.529, 67.785

 29, 9.529, 67.785

 19, 9.529, 67.785

 9, 9.529, 67.785

 0, 9.529, 67.785

 69, 9.529, 67.785  69, 9.529, 67.785

 66, 15.938, 66.686  72, 3.460, 68.857

63, 22.709, 65.572

75, 2.299, 250.250

60, 29.847, 64.468

78, 7.781, 251.232

57, 37.318, 63.372

82, 13.017,
252.284

55, 45.017, 62.255

85, 18.036,
253.316

52, 52.684, 61.036

50, 59.788, 59.529

88, 20.360,
247.655

48, 65.466, 57.410

90, 19.649,
229.122

47, 67.630, 56.593

93, 20.927,
211.337

95, 23.516,
197.968

Harmonies

Complementary

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



69, 9.529, 67.785



68, 9.030, 251.726

Rectangle

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



69, 9.529, 67.785



69, 9.529, 117.785



69, 9.529, 247.785



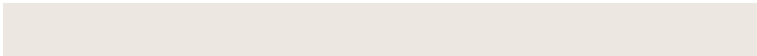
69, 9.529, 297.785

Sweetspot

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



69, 9.529, 67.799



92, 3.597, 68.936



66, 14.316, 341.471



49, 2.479, 68.873



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



69, 9.529, 67.799



87, 14.222, 67.425



73, 14.620, 105.751



37, 3.351, 68.516



40, 60.116, 57.085



5, 8.712, 55.624

Inverse Universe

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



68, 9.030, 251.726



85, 13.305, 252.232



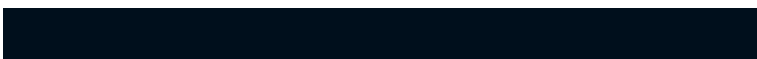
64, 15.080, 289.166



37, 3.255, 250.834



36, 44.422, 277.826



4, 9.734, 262.822

Previews

White Background



This preview shows how the CIELCh color 69, 9.529, 67.785 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, 9.529, 67.785 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

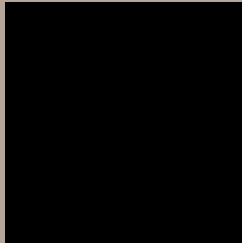
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 9.529, 67.785

Background



This preview shows how black text looks on a background with the CIELCh color 69, 9.529, 67.785.



This preview shows how white text looks on a background with the CIELCh color 69, 9.529, 67.785.

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, 9.529, 67.785

Protanopia

69, 8.121, 89.625

Deuteranopia

69, 12.232, 43.875



Tritanopia
69, 11.274, 341.242

Trichromacy



Original Color
69, 9.529, 67.785

Protanomaly
69, 8.117, 80.474

Deuteranomaly
69, 11.028, 49.704

Tritanomaly
69, 8.372, 4.991

Monochromacy



Original Color
69, 9.529, 67.785

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 3.560, 69.526

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 9.529, 67.785 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(182, 166, 153)` looks like.

```
.text, #text, p{  
    color:rgb(182, 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(182, 166, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 166, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 9.529, 67.785 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(182, 166, 153) }
```

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

```
.border{ border-color:rgb(182, 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(182, 166, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 166, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 166, 153);  
box-shadow:4px 4px 4px 4px rgb(182, 166,  
153) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 9.529, 67.785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 166, 153) }
```

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

```
.background{ background-color: rgb(182,  
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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