

Converting Colors

CIELCh(69, 5.867, 65.690)

Have a look what the booklet for
CIELCh(69, 5.867, 65.690) contains.

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Color

CIELCh(69, 5.841, 67.978)

Conversions

Conversions Part 1

Format	Color
Hex	B1A79F
RGB	177, 167, 159
RGB Percent	69%, 65%, 62%
CMY	0.3070, 0.3462, 0.3775
CMYK	0.00, 0.06, 0.10, 0.31
HSL	27°, 10%, 66%
HSV	27°, 10%, 69%
XYZ	38.0703, 39.3444, 38.2641
YIQ	169.0780, 8.5280, -0.3680

Conversions

Conversions Part 2

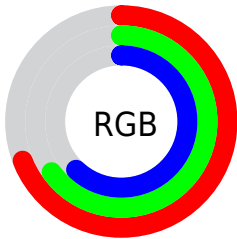
Format	Color
RYB	177, 173, 159
Decimal	11642783
CIELab	69.00, 2.19, 5.41
CIELCh	69, 5.841, 67.978
Yxy	39.3444, 0.3291, 0.3401
Android (android.graphics.Color)	4289832863 (0xFFB1A79F)
YUV	169.0780, -4.9685, 6.9476
Hunter-Lab	62.7251, -1.4303, 7.7390

Details

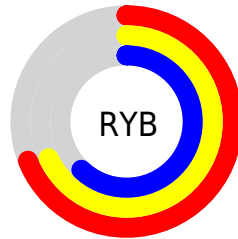
The CIELCh color $69, 5.841, 67.978$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $69, 5.653, 250.491$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 5.769, 65.460$, and $49, 5.560, 66.937$ is the 20% darker color. If you saturate the color by 10%, you get $66, 11.905, 66.913$, and if you desaturate by 10%, it is $72, 0.096, 65.275$.

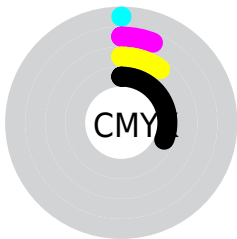
Distribution



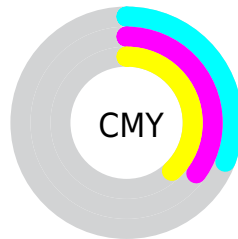
- Red (69%)
- Green (65%)
- Blue (62%)



- Red (69%)
- Yellow (68%)
- Blue (62%)



- Cyan (0%)
- Magenta (6%)
- Yellow (10%)
- Black (31%)



- Cyan (31%)
- Magenta (35%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 5.841, 67.978 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, 5.841, 67.978 by changing the saturation by 10% instead.

■ 69, 5.841, 67.978 ■ 69, 5.841, 67.978

■ 100, 5.841, 67.978 ■ 59, 5.841, 67.978

■ 89, 5.841, 67.978 ■ 49, 5.841, 67.978

■ 99, 5.841, 67.978 ■ 39, 5.841, 67.978

■ 29, 5.841, 67.978

■ 19, 5.841, 67.978

■ 9, 5.841, 67.978

■ 0, 5.841, 67.978

■ 69, 5.841, 67.978 ■ 69, 5.841, 67.978

■ 66, 11.905, 66.913 ■ 72, 0.096, 65.275

63, 18.314, 65.810

75, 5.363, 250.345

60, 25.085, 64.715

78, 10.566,
251.387

57, 32.212, 63.632

81, 15.544,
252.423

55, 39.640, 62.552

52, 47.216, 61.429

85, 20.324,
253.431

50, 54.601, 60.148

87, 21.364,
244.995

47, 61.127, 58.460

45, 66.349, 56.395

90, 20.869,
227.740

93, 22.170,
211.340

95, 24.908,
197.881

Harmonies

Complementary

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



69, 5.841, 67.978



69, 5.653, 250.491

Rectangle

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



69, 5.841, 67.978



69, 5.841, 117.978



69, 5.841, 247.978



69, 5.841, 297.978

Sweetspot

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



69, 5.841, 67.999



90, 2.084, 68.639



67, 8.885, 340.976



47, 1.582, 68.597



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



69, 5.841, 67.999



87, 8.562, 67.784



71, 9.124, 106.338



36, 3.268, 68.088



39, 59.478, 56.861



4, 7.505, 57.118

Inverse Universe

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



69, 5.653, 250.491



86, 8.223, 250.753



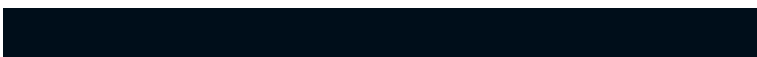
66, 9.311, 288.463



36, 3.173, 250.385



36, 43.499, 277.303



4, 8.390, 261.204

Previews

White Background



This preview shows how the CIELCh color 69, 5.841, 67.978 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, 5.841, 67.978 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

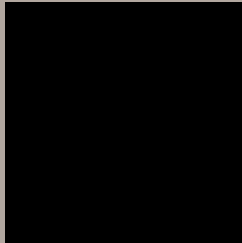
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 5.841, 67.978

Background



This preview shows how black text looks on a background with the CIELCh color 69, 5.841, 67.978.



This preview shows how white text looks on a background with the CIELCh color 69, 5.841, 67.978.

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, 5.841, 67.978

Protanopia

69, 5.429, 84.299

Deuteranopia

69, 9.937, 29.671



Tritanopia
69, 9.128, 328.765

Trichromacy



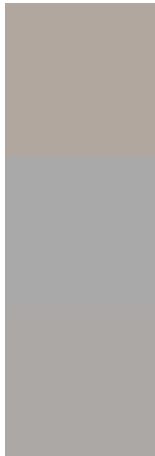
Original Color
69, 5.841, 67.978

Protanomaly
69, 5.606, 80.683

Deuteranomaly
69, 8.112, 35.604

Tritanomaly
69, 5.670, 350.953

Monochromacy



Original Color
69, 5.841, 67.978

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 2.227, 66.707

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 5.841, 67.978 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(177, 167, 159)` looks like.

```
.text, #text, p{  
    color:rgb(177, 167, 159)  
}
```

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(177, 167, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 167, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 5.841, 67.978 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(177, 167, 159) }
```

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

```
.border{ border-color:rgb(177, 167, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 167, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 167, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 167, 159);  
box-shadow:4px 4px 4px 4px rgb(177, 167,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 5.841, 67.978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 167, 159) }
```

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

```
.background{ background-color: rgb(177,  
167, 159) }
```

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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