

Converting Colors

CIELCh(69, 2.181, 20.269)

Have a look what the booklet for
CIELCh(69, 2.181, 20.269) contains.

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Color

CIELCh(69, 2.282, 19.394)

Conversions

Conversions Part 1

Format	Color
Hex	ADA7A7
RGB	173, 167, 167
RGB Percent	68%, 65%, 65%
CMY	0.3213, 0.3448, 0.3448
CMYK	0.00, 0.03, 0.03, 0.32
HSL	0°, 4%, 67%
HSV	0°, 3%, 68%
XYZ	38.0587, 39.3444, 42.1783
YIQ	168.7940, 3.5760, 1.2720

Conversions

Conversions Part 2

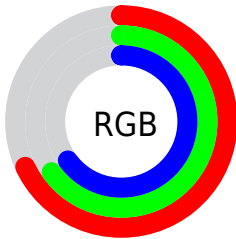
Format	Color
RYB	173, 167, 167
Decimal	11380647
CIELab	69.00, 2.15, 0.76
CIELCh	69, 2.282, 19.394
Yxy	39.3444, 0.3183, 0.3290
Android (android.graphics.Color)	4289570727 (0xFFADA7A7)
YUV	168.7940, -0.8844, 3.6887
Hunter-Lab	62.7251, -1.4635, 4.0392

Details

The CIELCh color **69, 2.282, 19.394** is a light color, and the websafe version is hex **999999**. A complement of this color would be **70, 2.232, 199.480**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 2.161, 19.283**, and **49, 2.449, 19.537** is the 20% darker color. If you saturate the color by 10%, you get **64, 9.210, 20.279**, and if you desaturate by 10%, it is **74, 4.133, 199.239**.

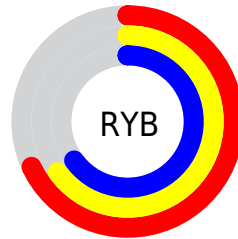
Distribution



Red (68%)

Green (65%)

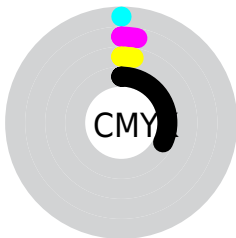
Blue (65%)



Red (68%)

Yellow (65%)

Blue (65%)

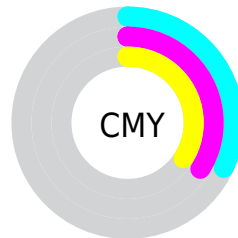


Cyan (0%)

Magenta (3%)

Yellow (3%)

Black (32%)



Cyan (32%)

Magenta (34%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 2.282, 19.394 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, 2.282, 19.394 by changing the saturation by 10% instead.

 69, 2.282, 19.394

 69, 2.282, 19.394

 100, 2.282, 19.394

 59, 2.282, 19.394

 89, 2.282, 19.394

 49, 2.282, 19.394

 99, 2.282, 19.394

 39, 2.282, 19.394

 29, 2.282, 19.394

 19, 2.282, 19.394

 9, 2.282, 19.394

 0, 2.282, 19.394

 69, 2.282, 19.394

 69, 2.282, 19.394

 64, 9.210, 20.279

 74, 4.133, 199.239

59, 16.681, 21.179

79, 10.072,
198.747

54, 24.686, 22.327

84, 15.586,
198.392

50, 33.166, 23.818

46, 41.990, 25.756

89, 20.723,
198.111

43, 50.942, 28.243

95, 25.529,
197.884

40, 59.722, 31.318

38, 67.882, 34.815

95, 25.920,
197.819

36, 74.522, 38.079

Harmonies

Complementary

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



69, 2.282, 19.394



70, 2.232, 199.480

Rectangle

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



69, 2.282, 19.394



69, 2.282, 69.394



69, 2.282, 199.394



69, 2.282, 249.394

Sweetspot

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



69, 2.281, 19.435



89, 0.806, 18.764



69, 4.016, 324.571



47, 0.458, 18.716



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, 2.281, 19.435



87, 3.258, 19.504



70, 1.982, 74.841



35, 1.874, 19.563



31, 69.975, 39.454



2, 7.798, 19.439

Inverse Universe

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



70, 2.232, 199.480



89, 3.177, 199.415



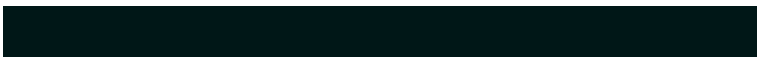
69, 1.978, 256.006



36, 1.821, 199.360



56, 33.784, 196.462



6, 7.795, 199.484

Previews

White Background



This preview shows how the CIE LCh color 69, 2.282, 19.394 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 CIE LCh color 69, 2.282, 19.394 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

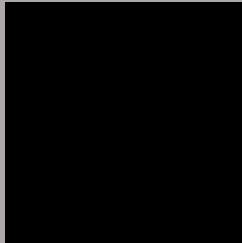
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

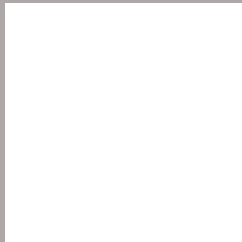
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 2.282, 19.394

Background



This preview shows how black text looks on a background with the CIELCh color 69, 2.282, 19.394.



This preview shows how white text looks on a background with the CIELCh color 69, 2.282, 19.394.

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, 2.282, 19.394

Protanopia

69, 1.255, 44.943

Deuteranopia

69, 8.887, 2.278



Tritanopia
69, 8.099, 318.171

Trichromacy



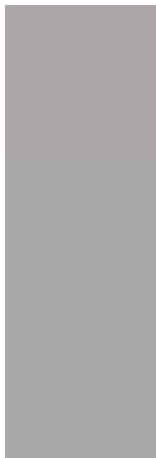
Original Color
69, 2.282, 19.394

Protanomaly
69, 1.608, 39.117

Deuteranomaly
69, 6.875, 1.414

Tritanomaly
69, 5.353, 324.646

Monochromacy



Original Color
69, 2.282, 19.394

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 0.757, 18.831

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 2.282, 19.394 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, 167)` looks like.

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

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, 167) colored shadow looks like.

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

Border

The CSS property to change the border of an element to CIELCh 69, 2.282, 19.394 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, 167) }
```

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

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

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, 167)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to CIELCh 69, 2.282, 19.394 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, 167) }
```

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

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

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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