

Converting Colors

CIELCh(68, 2.925, 349.554)

Have a look what the booklet for
CIELCh(68, 2.925, 349.554) contains.

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Color

CIELCh(68, 3.146, 347.916)

Conversions

Conversions Part 1

Format	Color
Hex	ABA4A7
RGB	171, 164, 167
RGB Percent	67%, 64%, 65%
CMY	0.3296, 0.3571, 0.3453
CMYK	0.00, 0.04, 0.02, 0.33
HSL	334°, 4%, 66%
HSV	334°, 4%, 67%
XYZ	37.0191, 37.9720, 41.9117
YIQ	166.4350, 3.2090, 2.4170

Conversions

Conversions Part 2

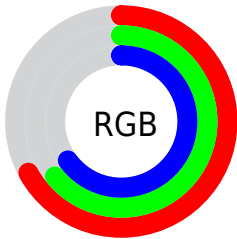
Format	Color
RYB	171, 164, 167
Decimal	11248807
CIELab	68.00, 3.08, -0.66
CIELCh	68, 3.146, 347.916
Yxy	37.9720, 0.3167, 0.3248
Android (android.graphics.Color)	4289438887 (0xFFABA4A7)
YUV	166.4350, 0.2785, 4.0035
Hunter-Lab	61.6215, -0.6038, 2.8090

Details

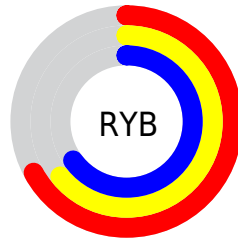
The CIELCh color $68, 3.146, 347.916$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $69, 3.113, 167.479$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $88, 2.984, 347.799$, and $48, 3.368, 348.091$ is the 20% darker color. If you saturate the color by 10%, you get $63, 10.978, 348.934$, and if you desaturate by 10%, it is $73, 4.448, 167.315$.

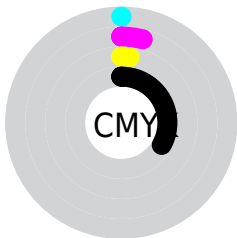
Distribution



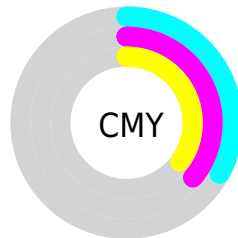
- Red (67%)
- Green (64%)
- Blue (65%)



- Red (67%)
- Yellow (64%)
- Blue (65%)



- Cyan (0%)
- Magenta (4%)
- Yellow (2%)
- Black (33%)



- Cyan (33%)
- Magenta (36%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 3.146, 347.916 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 68, 3.146, 347.916 by changing the saturation by 10% instead.

■ 68, 3.146, 347.916

■ 68, 3.146, 347.916

■ 100, 3.146,
347.916

■ 58, 3.146, 347.916

■ 88, 3.146, 347.916

■ 48, 3.146, 347.916

■ 98, 3.146, 347.916

■ 38, 3.146, 347.916

■ 28, 3.146, 347.916

■ 18, 3.146, 347.916

■ 8, 3.146, 347.916

■ 0, 3.146, 347.916

■ 68, 3.146, 347.916

■ 68, 3.146, 347.916

■ 63, 10.978,

■ 73, 4.448, 167.315

348.934

78, 11.769,
166.515

59, 18.987,
349.983

83, 18.811,
165.821

54, 27.053,
351.175

87, 25.580,
165.190

50, 34.983,
352.562

92, 32.091,
164.609

46, 42.501,
354.218

94, 32.144,
169.249

43, 49.248,
356.242

94, 29.573,
177.485

40, 54.828,
358.769

95, 27.643,
187.031

38, 58.922, 1.965

95, 26.504,
197.671

Harmonies

Complementary

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



68, 3.146, 347.916



69, 3.113, 167.479

Rectangle

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



68, 3.146, 347.916



68, 3.146, 37.916



68, 3.146, 167.916



68, 3.146, 217.916

Sweetspot

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



68, 3.144, 347.930



88, 0.950, 347.298



68, 4.156, 311.501



47, 0.545, 347.265



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



68, 3.144, 347.930



85, 4.755, 348.041



68, 2.505, 25.297



35, 2.645, 348.094



32, 56.972, 8.034



2, 8.799, 352.627

Inverse Universe

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



68, 3.144, 347.930



85, 4.755, 348.041



69, 2.442, 205.416



35, 2.645, 348.094



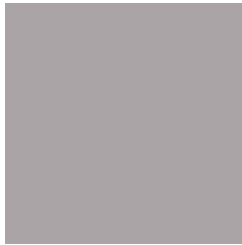
32, 56.972, 8.034



2, 8.799, 352.627

Previews

White Background



This preview shows how the CIELCh color 68, 3.146, 347.916 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 68, 3.146, 347.916 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

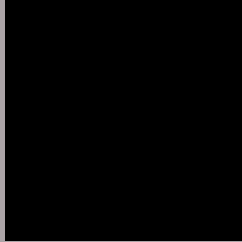
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

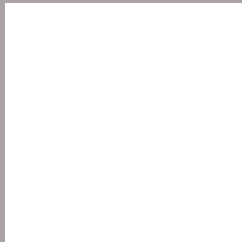
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 68, 3.146, 347.916

Background



This preview shows how black text looks on a background with the CIELCh color 68, 3.146, 347.916.



This preview shows how white text looks on a background with the CIELCh color 68, 3.146, 347.916.

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

68, 3.146, 347.916

Protanopia

68, 1.596, 335.596

Deuteranopia

68, 9.174, 351.624



Tritanopia
68, 7.457, 317.558

Trichromacy



Original Color

68, 3.146, 347.916

Protanomaly

68, 1.888, 343.651

Deuteranomaly

68, 7.236, 347.895

Tritanomaly

68, 6.037, 324.686

Monochromacy



Original Color

68, 3.146, 347.916

Achromatopsia

68, 0.008, 296.813

Achromatomaly

68, 1.273, 353.530

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 3.146, 347.916 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(171, 164, 167)` looks like.

```
.text, #text, p{  
    color:rgb(171, 164, 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(171, 164, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 164, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 3.146, 347.916 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(171, 164, 167) }
```

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

```
.border{ border-color:rgb(171, 164, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 164, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 164, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 164, 167);  
box-shadow:4px 4px 4px 4px rgb(171, 164,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 3.146, 347.916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 164, 167) }
```

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

```
.background{ background-color: rgb(171,  
164, 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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