

Converting Colors

CIELCh(67, 4.834, 347.729)

Have a look what the booklet for
CIELCh(67, 4.834, 347.729) contains.

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Color

CIELCh(67, 5.044, 346.644)

Conversions

Conversions Part 1

Format	Color
Hex	ABA0A5
RGB	171, 160, 165
RGB Percent	67%, 63%, 65%
CMY	0.3285, 0.3716, 0.3520
CMYK	0.00, 0.06, 0.04, 0.33
HSL	333°, 6%, 65%
HSV	333°, 6%, 67%
XYZ	36.2702, 36.6320, 40.8682
YIQ	163.8590, 4.9510, 3.8870

Conversions

Conversions Part 2

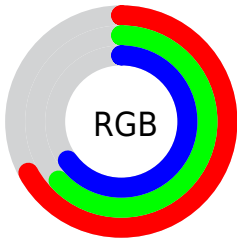
Format	Color
RYB	171, 160, 165
Decimal	11247781
CIELab	67.00, 4.91, -1.17
CIELCh	67, 5.044, 346.644
Yxy	36.6320, 0.3188, 0.3220
Android (android.graphics.Color)	4289437861 (0xFFABA0A5)
YUV	163.8590, 0.5625, 6.2627
Hunter-Lab	60.5244, 1.0513, 2.3323

Details

The CIELCh color $67, 5.044, 346.644$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $69, 4.985, 165.719$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 4.779, 346.494$, and $47, 4.743, 350.073$ is the 20% darker color. If you saturate the color by 10%, you get $62, 13.057, 347.618$, and if you desaturate by 10%, it is $72, 2.753, 166.036$.

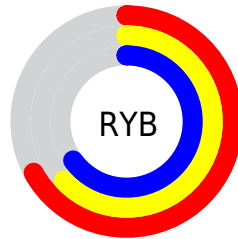
Distribution



Red (67%)

Green (63%)

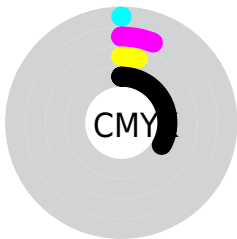
Blue (65%)



Red (67%)

Yellow (63%)

Blue (65%)

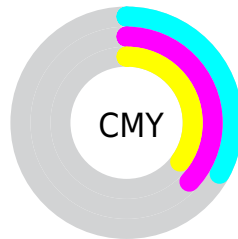


Cyan (0%)

Magenta (6%)

Yellow (4%)

Black (33%)



Cyan (33%)

Magenta (37%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 5.044, 346.644 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 67, 5.044, 346.644 by changing the saturation by 10% instead.

67, 5.044, 346.644

67, 5.044, 346.644

100, 5.044,
346.644

57, 5.044, 346.644

87, 5.044, 346.644

47, 5.044, 346.644

97, 5.044, 346.644

37, 5.044, 346.644

27, 5.044, 346.644

17, 5.044, 346.644

7, 5.044, 346.644

0, 5.044, 346.644

67, 5.044, 346.644

67, 5.044, 346.644

62, 13.057,

72, 2.753, 166.036

347.618

77, 10.289,
165.185

58, 21.209,
348.664

82, 17.550,
164.483

53, 29.360,
349.853

86, 24.539,
163.845

49, 37.291,
351.237

91, 31.267,
163.258

46, 44.698,
352.888

94, 33.362,
165.976

42, 51.198,
354.907

94, 30.668,
173.283

40, 56.392,
357.428

95, 28.492,
181.805

38, 59.986, 0.615

95, 26.970,
191.474

37, 62.008, 4.595

Harmonies

Complementary

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



67, 5.044, 346.644



69, 4.985, 165.719

Rectangle

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



67, 5.044, 346.644



67, 5.044, 36.644



67, 5.044, 166.644



67, 5.044, 216.644

Sweetspot

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



67, 5.042, 346.652



87, 1.929, 346.117



67, 6.501, 310.478



47, 1.106, 346.094



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



67, 5.042, 346.652



84, 7.769, 346.819



67, 4.102, 22.477



34, 4.506, 346.931



32, 56.963, 5.547



2, 8.913, 351.247

Inverse Universe

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



67, 5.042, 346.652



84, 7.769, 346.819



69, 3.941, 202.126



34, 4.506, 346.931



32, 56.963, 5.547



2, 8.913, 351.247

Previews

White Background



This preview shows how the CIELCh color 67, 5.044, 346.644 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 67, 5.044, 346.644 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

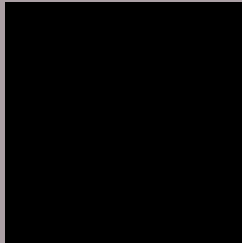
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 5.044, 346.644

Background



This preview shows how black text looks on a background with the CIELCh color 67, 5.044, 346.644.



This preview shows how white text looks on a background with the CIELCh color 67, 5.044, 346.644.

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


67, 5.044, 346.644

Protanopia

67, 2.503, 317.327

Deuteranopia

67, 8.857, 350.387



Tritanopia
67, 8.732, 324.823

Trichromacy



Original Color
67, 5.044, 346.644

Protanomaly
67, 3.602, 329.531

Deuteranomaly
67, 7.580, 349.504

Tritanomaly
67, 7.851, 329.379

Monochromacy



Original Color
67, 5.044, 346.644

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 1.627, 359.468

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 5.044, 346.644 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, 160, 165)` looks like.

```
.text, #text, p{  
    color:rgb(171, 160, 165)  
}
```

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, 160, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 160, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 5.044, 346.644 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, 160, 165) }
```

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

```
.border{ border-color:rgb(171, 160, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 160, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 160, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 160, 165);  
box-shadow:4px 4px 4px 4px rgb(171, 160,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 5.044, 346.644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 160, 165) }
```

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

```
.background{ background-color: rgb(171,  
160, 165) }
```

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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