

Converting Colors

CIELCh(67, 35.187, 102.953)

Have a look what the booklet for
CIELCh(67, 35.187, 102.953)
contains.

CIELCh(67, 35.672, 102.966)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(67, 35.672, 102.966)

Conversions

Conversions Part 1

Format	Color
Hex	ABA664
RGB	171, 166, 100
RGB Percent	67%, 65%, 39%
CMY	0.3312, 0.3507, 0.6095
CMYK	0.00, 0.03, 0.42, 0.33
HSL	56°, 30%, 53%
HSV	56°, 42%, 67%
XYZ	32.5326, 36.6320, 17.3081
YIQ	159.9710, 24.1660, -19.4660

Conversions

Conversions Part 2

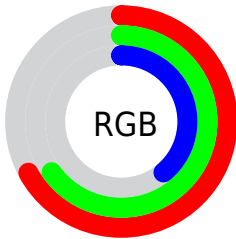
Format	Color
RYB	105, 171, 100
Decimal	11249252
CIELab	67.00, -8.00, 34.76
CIELCh	67, 35.672, 102.966
Yxy	36.6320, 0.3762, 0.4236
Android (android.graphics.Color)	4289439332 (0xFFABA664)
YUV	159.9710, -29.5657, 9.6724
Hunter-Lab	60.5244, -9.9715, 25.4120

Details

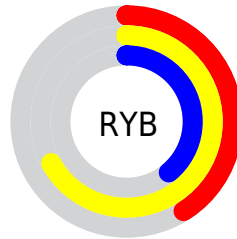
The CIELCh color $67, 35.672, 102.966$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $46, 39.098, 293.011$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 35.623, 103.293$, and $47, 35.699, 102.959$ is the 20% darker color. If you saturate the color by 10%, you get $66, 43.732, 101.975$, and if you desaturate by 10%, it is $68, 27.286, 103.989$.

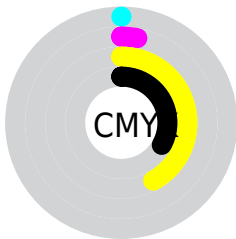
Distribution



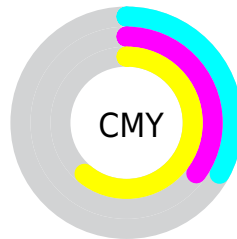
- Red (67%)
- Green (65%)
- Blue (39%)



- Red (41%)
- Yellow (67%)
- Blue (39%)



- Cyan (0%)
- Magenta (3%)
- Yellow (42%)
- Black (33%)





- Cyan (33%)
- Magenta (35%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 35.672, 102.966 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, 35.672, 102.966 by changing the saturation by 10% instead.

 67, 35.672,
102.966

 67, 35.672,
102.966


 100, 35.672,
102.966


 57, 35.672,
102.966

 87, 35.672,
102.966

 47, 35.672,
102.966

 97, 35.672,
102.966

 37, 35.672,
102.966

 27, 35.672,
102.966

 17, 35.672,
102.966

 7, 35.672, 102.966

 0, 35.672, 102.966

67, 35.672,
102.966

67, 35.672,
102.966

66, 43.732,
101.975

68, 27.286,
103.989

66, 51.229,
101.027

68, 18.719,
105.016

65, 57.821,
100.151

69, 10.067,
106.034

65, 63.057, 99.370

70, 1.386, 106.986

65, 66.482, 98.700

70, 7.288, 288.033

64, 68.174, 98.203

71, 15.931,
288.971

72, 24.529,
289.874

73, 33.072,
290.737

■ 74, 41.553,
291.558

Harmonies

Complementary

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



67, 35.672, 102.966



46, 39.098, 293.011

Rectangle

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



67, 35.672, 102.966



67, 35.672, 152.966



67, 35.672, 282.966



67, 35.672, 332.966

Sweetspot

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



67, 35.673, 102.969



87, 12.891, 105.972



50, 30.697, 17.252



47, 8.619, 105.846



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, 35.673, 102.969



84, 52.533, 102.044



66, 40.112, 124.072



35, 4.855, 106.267



56, 61.430, 98.260



6, 8.645, 105.950

Inverse Universe

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



46, 39.098, 293.011



54, 59.291, 294.878



48, 43.079, 308.469



33, 4.946, 288.199



17, 85.689, 305.189



1, 8.985, 287.645

Previews

White Background



This preview shows how the CIELCh color 67, 35.672, 102.966 looks on a white background.

Color Contrast Check

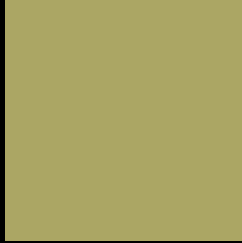
Large Text (above 18pt) WCAG AA × Fail

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 67, 35.672, 102.966 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

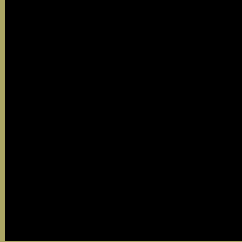
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 35.672, 102.966

Background



This preview shows how black text looks on a background with the CIELCh color 67, 35.672, 102.966.



This preview shows how white text looks on a background with the CIELCh color 67, 35.672, 102.966.

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, 35.672, 102.966

Protanopia

67, 35.322, 95.854

Deuteranopia

67, 35.011, 76.063



Tritanopia
67, 10.757, 338.595

Trichromacy



Original Color
67, 35.672, 102.966

Protanomaly
67, 35.498, 98.731

Deuteranomaly
67, 34.105, 85.754

Tritanomaly
67, 10.683, 74.942

Monochromacy



Original Color
67, 35.672, 102.966

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 13.227, 105.291

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 35.672, 102.966 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, 166, 100)` looks like.

```
.text, #text, p{  
    color:rgb(171, 166, 100)  
}
```

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, 166, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 166, 100) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 35.672, 102.966 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, 166, 100) }
```

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

```
.border{ border-color:rgb(171, 166, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 166, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 166, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 166, 100);  
box-shadow:4px 4px 4px 4px rgb(171, 166,  
100) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 35.672, 102.966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 166, 100) }
```

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

```
.background{ background-color: rgb(171,  
166, 100) }
```

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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