

Converting Colors

CIELCh(67, 41.752, 104.813)

Have a look what the booklet for
CIELCh(67, 41.752, 104.813)
contains.

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Color

CIELCh(67, 41.663, 105.202)

Conversions

Conversions Part 1

Format	Color
Hex	A8A759
RGB	168, 167, 89
RGB Percent	66%, 65%, 35%
CMY	0.3416, 0.3455, 0.6514
CMYK	0.00, 0.01, 0.47, 0.34
HSL	59°, 31%, 50%
HSV	59°, 47%, 66%
XYZ	31.7243, 36.6320, 14.8284
YIQ	158.4070, 25.6340, -24.0460

Conversions

Conversions Part 2

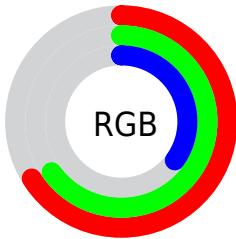
Format	Color
RYB	90, 168, 89
Decimal	11052889
CIELab	67.00, -10.92, 40.21
CIELCh	67, 41.663, 105.202
Yxy	36.6320, 0.3814, 0.4404
Android (android.graphics.Color)	4289242969 (0xFFA8A759)
YUV	158.4070, -34.2177, 8.4131
Hunter-Lab	60.5244, -12.3555, 27.8410

Details

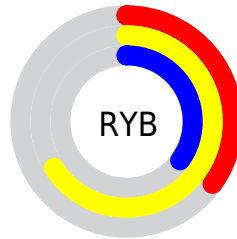
The CIELCh color $67, 41.663, 105.202$ is a dark color, and the websafe version is hex 999933 . A complement of this color would be $42, 47.093, 296.288$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 41.514, 104.982$, and $47, 41.442, 105.138$ is the 20% darker color. If you saturate the color by 10%, you get $67, 49.628, 104.345$, and if you desaturate by 10%, it is $67, 33.190, 106.124$.

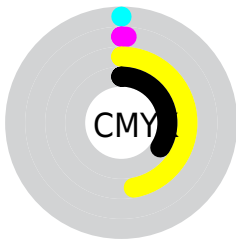
Distribution



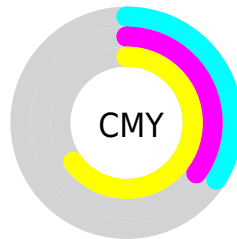
- Red (66%)
- Green (65%)
- Blue (35%)



- Red (35%)
- Yellow (66%)
- Blue (35%)



- Cyan (0%)
- Magenta (1%)
- Yellow (47%)
- Black (34%)





- Cyan (34%)
- Magenta (35%)
- Yellow (65%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 41.663, 105.202 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, 41.663, 105.202 by changing the saturation by 10% instead.


 67, 41.663,
105.202


 67, 41.663,
105.202


 100, 41.663,
105.202


 57, 41.663,
105.202


 87, 41.663,
105.202

 47, 41.663,
105.202

 97, 41.663,
105.202

 37, 41.663,
105.202

 27, 41.663,
105.202

 17, 41.663,
105.202

 7, 41.663, 105.202

 0, 41.663, 105.202

67, 41.663,
105.202

67, 41.663,
105.202

67, 49.628,
104.345

67, 33.190,
106.124

67, 56.787,
103.577

68, 24.407,
107.076

66, 62.746,
102.936

68, 15.448,
108.040

66, 67.077,
102.456

68, 6.395, 108.998

66, 69.592,
102.147

69, 2.695, 289.978

66, 70.210,
102.068

70, 11.788,
290.883

70, 20.858,
291.773

71, 29.890,
292.627

■ 71, 38.870,
293.441

Harmonies

Complementary

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



67, 41.663, 105.202



42, 47.093, 296.288

Rectangle

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



67, 41.663, 105.202



67, 41.663, 155.202



67, 41.663, 285.202



67, 41.663, 335.202

Sweetspot

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



67, 41.664, 105.205



87, 15.778, 108.309



47, 35.234, 23.198



46, 10.871, 108.109



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



67, 41.664, 105.205



85, 60.547, 104.346



64, 45.289, 126.314



36, 5.146, 108.785



59, 63.972, 102.076



6, 9.386, 109.464

Inverse Universe

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



42, 47.093, 296.288



47, 71.047, 298.340



45, 48.614, 310.892



33, 5.255, 290.630



16, 88.509, 306.089



1, 9.455, 289.747

Previews

White Background



This preview shows how the CIELCh color 67, 41.663, 105.202 looks on a white background.

Color Contrast Check

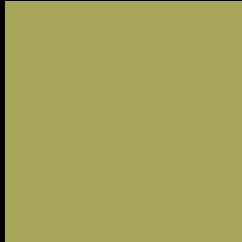
Large Text (above 18pt) WCAG AA × Fail

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, 41.663, 105.202 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, 41.663, 105.202

Background



This preview shows how black text looks on a background with the CIELCh color 67, 41.663, 105.202.



This preview shows how white text looks on a background with the CIELCh color 67, 41.663, 105.202.

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, 41.663, 105.202

Protanopia
67, 40.971, 95.973

Deuteranopia
67, 40.037, 77.161



Tritanopia
67, 9.820, 337.936

Trichromacy



Original Color
67, 41.663, 105.202

Protanomaly
67, 41.078, 99.092

Deuteranomaly
67, 39.244, 87.106

Tritanomaly
67, 12.201, 83.550

Monochromacy



Original Color
67, 41.663, 105.202

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 15.418, 107.024

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 41.663, 105.202 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(168, 167, 89)` looks like.

```
.text, #text, p{  
    color:rgb(168, 167, 89)  
}
```

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(168, 167, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 167, 89) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 41.663, 105.202 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(168, 167, 89) }
```

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

```
.border{ border-color:rgb(168, 167, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 167, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 167, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 167, 89);  
box-shadow:4px 4px 4px 4px rgb(168, 167,  
89) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 41.663, 105.202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 167, 89) }
```

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

```
.background{ background-color: rgb(168,  
167, 89) }
```

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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