

Converting Colors

CIELCh(67, 36.150, 110.171)

Have a look what the booklet for
CIELCh(67, 36.150, 110.171)
contains.

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Color

CIELCh(67, 36.153, 110.458)

Conversions

Conversions Part 1

Format	Color
Hex	A2A865
RGB	162, 168, 101
RGB Percent	64%, 66%, 40%
CMY	0.3647, 0.3411, 0.6039
CMYK	0.04, 0.00, 0.40, 0.34
HSL	65°, 28%, 53%
HSV	65°, 40%, 66%
XYZ	31.2570, 36.6320, 17.7380
YIQ	158.5680, 17.9310, -22.1090

Conversions

Conversions Part 2

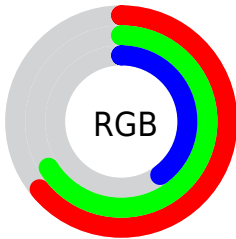
Format	Color
RYB	101, 168, 107
Decimal	10659941
CIELab	67.00, -12.64, 33.87
CIELCh	67, 36.153, 110.458
Yxy	36.6320, 0.3650, 0.4278
Android (android.graphics.Color)	4288850021 (0xFFA2A865)
YUV	158.5680, -28.3810, 3.0099
Hunter-Lab	60.5244, -13.7335, 24.9908

Details

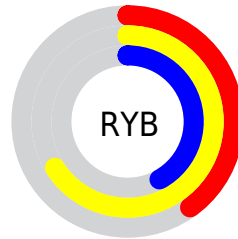
The CIELCh color $67, 36.153, 110.458$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $46, 39.924, 298.080$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 36.055, 110.291$, and $47, 36.269, 110.394$ is the 20% darker color. If you saturate the color by 10%, you get $67, 44.611, 109.712$, and if you desaturate by 10%, it is $67, 27.327, 111.259$.

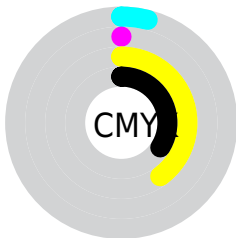
Distribution



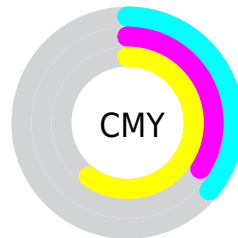
- Red (64%)
- Green (66%)
- Blue (40%)



- Red (40%)
- Yellow (66%)
- Blue (42%)



- Cyan (4%)
- Magenta (0%)
- Yellow (40%)
- Black (34%)





- Cyan (36%)
- Magenta (34%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 36.153, 110.458 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, 36.153, 110.458 by changing the saturation by 10% instead.


 67, 36.153,
110.458

 67, 36.153,
110.458


 100, 36.153,
110.458


 57, 36.153,
110.458


 87, 36.153,
110.458

 47, 36.153,
110.458


 97, 36.153,
110.458

 37, 36.153,
110.458

 27, 36.153,
110.458

 17, 36.153,
110.458

 7, 36.153, 110.458

 0, 36.153, 110.458

67, 36.153,
110.458

67, 36.153,
110.458

67, 44.611,
109.712

67, 27.327,
111.259

66, 52.474,
109.051

68, 18.279,
112.078

66, 59.421,
108.527

68, 9.108, 112.899

66, 65.047,
108.201

69, 0.120, 293.931

69, 9.363, 294.499

66, 68.949,
108.133

70, 18.590,
295.253

66, 71.283,
108.299

71, 27.779,
295.973

66, 71.310,
108.301

72, 36.913,
296.656

■ 72, 45.980,
297.301

Harmonies

Complementary

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



67, 36.153, 110.458



46, 39.924, 298.080

Rectangle

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



67, 36.153, 110.458



67, 36.153, 160.458



67, 36.153, 290.458



67, 36.153, 340.458

Sweetspot

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



67, 36.154, 110.461



87, 13.736, 112.707



51, 27.357, 29.282



46, 9.095, 112.607



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, 36.154, 110.461



85, 53.408, 109.783



65, 39.735, 130.104



35, 5.225, 112.947



58, 64.926, 108.246



6, 9.602, 114.995

Inverse Universe

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



46, 39.924, 298.080



53, 60.742, 299.446



49, 41.557, 313.703



33, 5.337, 294.501



17, 88.641, 306.641



1, 9.579, 293.210

Previews

White Background



This preview shows how the CIELCh color 67, 36.153, 110.458 looks on a white background.

Color Contrast Check

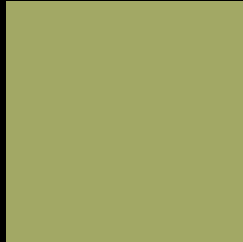
Large Text (above 18pt) WCAG AA × Fail

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, 36.153, 110.458 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

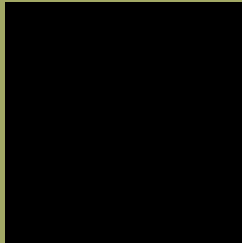
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 36.153, 110.458

Background



This preview shows how black text looks on a background with the CIELCh color 67, 36.153, 110.458.



This preview shows how white text looks on a background with the CIELCh color 67, 36.153, 110.458.

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, 36.153, 110.458

Protanopia
67, 35.322, 95.854

Deuteranopia
67, 33.817, 75.943



Tritanopia
67, 7.660, 320.084

Trichromacy



Original Color
67, 36.153, 110.458

Protanomaly
67, 35.257, 101.550

Deuteranomaly
67, 32.917, 88.364

Tritanomaly
67, 9.475, 99.561

Monochromacy



Original Color
67, 36.153, 110.458

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 13.241, 112.239

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 36.153, 110.458 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(162, 168, 101)` looks like.

```
.text, #text, p{  
    color:rgb(162, 168, 101)  
}
```

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(162, 168, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 168, 101) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 36.153, 110.458 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(162, 168, 101) }
```

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

```
.border{ border-color:rgb(162, 168, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 168, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 168, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 168, 101);  
box-shadow:4px 4px 4px 4px rgb(162, 168,  
101) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 36.153, 110.458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 168, 101) }
```

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

```
.background{ background-color: rgb(162,  
168, 101) }
```

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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