

Converting Colors

CIELCh(67, 37.346, 112.837)

Have a look what the booklet for
CIELCh(67, 37.346, 112.837)
contains.

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Color

CIELCh(67, 37.314, 112.853)

Conversions

Conversions Part 1

Format	Color
Hex	9FA964
RGB	159, 169, 100
RGB Percent	62%, 66%, 39%
CMY	0.3768, 0.3375, 0.6081
CMYK	0.06, 0.00, 0.41, 0.34
HSL	69°, 29%, 53%
HSV	69°, 41%, 66%
XYZ	30.7556, 36.6320, 17.4896
YIQ	158.1440, 16.1890, -23.5790

Conversions

Conversions Part 2

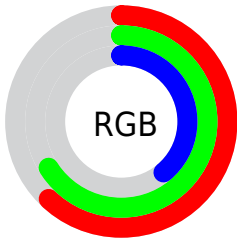
Format	Color
RYB	100, 169, 110
Decimal	10463588
CIELab	67.00, -14.49, 34.39
CIELCh	67, 37.314, 112.853
Yxy	36.6320, 0.3624, 0.4316
Android (android.graphics.Color)	4288653668 (0xFF9FA964)
YUV	158.1440, -28.6650, 0.7507
Hunter-Lab	60.5244, -15.2123, 25.2341

Details

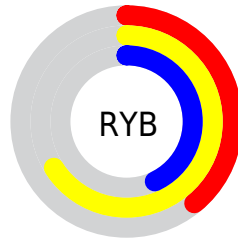
The CIELCh color $67, 37.314, 112.853$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $46, 41.206, 299.894$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 37.159, 112.569$, and $47, 37.470, 112.960$ is the 20% darker color. If you saturate the color by 10%, you get $67, 45.811, 112.191$, and if you desaturate by 10%, it is $67, 28.433, 113.576$.

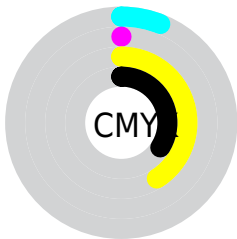
Distribution



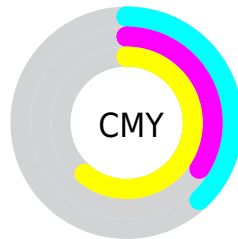
- Red (62%)
- Green (66%)
- Blue (39%)



- Red (39%)
- Yellow (66%)
- Blue (43%)



- Cyan (6%)
- Magenta (0%)
- Yellow (41%)
- Black (34%)





- Cyan (38%)
- Magenta (34%)
- Yellow (61%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 37.314, 112.853 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, 37.314, 112.853 by changing the saturation by 10% instead.


 67, 37.314,
112.853


 67, 37.314,
112.853


 100, 37.314,
112.853


 57, 37.314,
112.853


 87, 37.314,
112.853

 47, 37.314,
112.853


 97, 37.314,
112.853

 37, 37.314,
112.853

 27, 37.314,
112.853

 17, 37.314,
112.853

 7, 37.314, 112.853

 0, 37.314, 112.853

67, 37.314,
112.853

67, 37.314,
112.853

67, 45.811,
112.191

67, 28.433,
113.576

66, 53.689,
111.627

68, 19.320,
114.321

66, 60.621,
111.223

69, 10.078,
115.068

66, 66.195,
111.053

69, 0.777, 115.793

70, 8.539, 296.516

65, 70.021,
111.192

71, 17.835,
297.197

65, 72.202,
111.551

71, 27.088,
297.845

72, 36.281,
298.457

■ 73, 45.399,
299.031

Harmonies

Complementary

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



67, 37.314, 112.853



46, 41.206, 299.894

Rectangle

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



67, 37.314, 112.853



67, 37.314, 162.853



67, 37.314, 292.853



67, 37.314, 342.853

Sweetspot

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



67, 37.315, 112.856



87, 13.789, 114.966



52, 27.181, 33.473



46, 9.130, 114.874



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, 37.315, 112.856



84, 54.681, 112.252



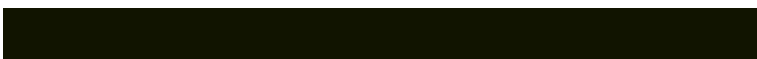
65, 41.443, 131.682



35, 5.245, 115.183



58, 65.463, 111.461



6, 9.658, 117.760

Inverse Universe

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



46, 41.206, 299.894



53, 62.139, 301.105



49, 43.087, 315.340



33, 5.355, 296.585



17, 88.213, 306.952



1, 9.605, 295.076

Previews

White Background



This preview shows how the CIELCh color 67, 37.314, 112.853 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, 37.314, 112.853 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

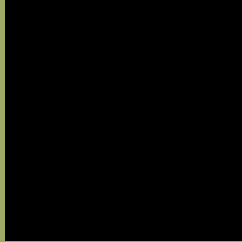
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 37.314, 112.853

Background



This preview shows how black text looks on a background with the CIELCh color 67, 37.314, 112.853.



This preview shows how white text looks on a background with the CIELCh color 67, 37.314, 112.853.

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, 37.314, 112.853

Protanopia
67, 35.834, 95.938

Deuteranopia
67, 34.291, 76.313



Tritanopia
67, 7.824, 313.284

Trichromacy



Original Color
67, 37.314, 112.853

Protanomaly
67, 35.735, 102.251

Deuteranomaly
67, 33.613, 90.211

Tritanomaly
67, 9.380, 104.354

Monochromacy



Original Color
67, 37.314, 112.853

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 13.867, 115.342

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 37.314, 112.853 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(159, 169, 100)` looks like.

```
.text, #text, p{  
    color:rgb(159, 169, 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(159, 169, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 169, 100) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 37.314, 112.853 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(159, 169, 100) }
```

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

```
.border{ border-color:rgb(159, 169, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 169, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 169, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 169, 100);  
box-shadow:4px 4px 4px 4px rgb(159, 169,  
100) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 37.314, 112.853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 169, 100) }
```

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

```
.background{ background-color: rgb(159,  
169, 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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