

Converting Colors

CIELCh(67, 18.468, 84.915)

Have a look what the booklet for
CIELCh(67, 18.468, 84.915) contains.

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Color

CIELCh(67, 18.637, 84.796)

Conversions

Conversions Part 1

Format	Color
Hex	B3A182
RGB	179, 161, 130
RGB Percent	70%, 63%, 51%
CMY	0.2985, 0.3690, 0.4906
CMYK	0.00, 0.10, 0.27, 0.30
HSL	38°, 24%, 61%
HSV	38°, 27%, 70%
XYZ	35.3135, 36.6320, 26.2924
YIQ	162.8480, 20.6790, -5.8250

Conversions

Conversions Part 2

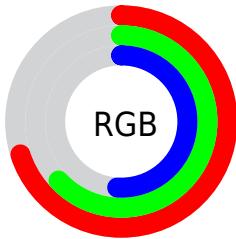
Format	Color
RYB	158, 179, 130
Decimal	11772290
CIELab	67.00, 1.69, 18.56
CIELCh	67, 18.637, 84.796
Yxy	36.6320, 0.3595, 0.3729
Android (android.graphics.Color)	4289962370 (0xFFB3A182)
YUV	162.8480, -16.1941, 14.1653
Hunter-Lab	60.5244, -1.7702, 16.6108

Details

The CIELCh color $67, 18.637, 84.796$ is a light color, and the websafe version is hex 999966 . A complement of this color would be $61, 18.306, 272.469$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 18.713, 85.606$, and $47, 19.123, 85.380$ is the 20% darker color. If you saturate the color by 10%, you get $65, 25.745, 83.454$, and if you desaturate by 10%, it is $69, 11.682, 86.110$.

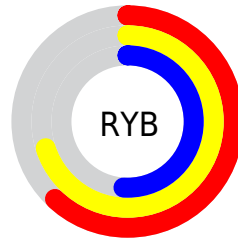
Distribution



Red (70%)

Green (63%)

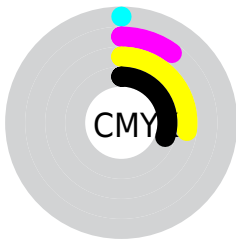
Blue (51%)



Red (62%)

Yellow (70%)

Blue (51%)

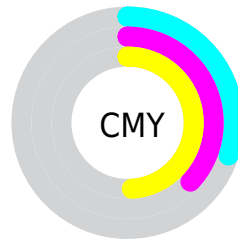


Cyan (0%)

Magenta (10%)

Yellow (27%)

Black (30%)



Cyan (30%)

Magenta (37%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 18.637, 84.796 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, 18.637, 84.796 by changing the saturation by 10% instead.

■ 67, 18.637, 84.796

■ 67, 18.637, 84.796

■ 100, 18.637,
84.796

■ 57, 18.637, 84.796

■ 87, 18.637, 84.796

■ 47, 18.637, 84.796

■ 97, 18.637, 84.796

■ 37, 18.637, 84.796

■ 27, 18.637, 84.796

■ 17, 18.637, 84.796

■ 7, 18.637, 84.796

■ 0, 18.637, 84.796

■ 67, 18.637, 84.796

■ 67, 18.637, 84.796

■ 65, 25.745, 83.454

■ 69, 11.682, 86.110

63, 32.959, 82.064

71, 4.896, 87.355

61, 40.175, 80.624

73, 1.722, 268.777

59, 47.190, 79.106

76, 8.178, 269.848

57, 53.633, 77.445

78, 14.484,
270.967

56, 58.899, 75.509

80, 20.652,
272.043

54, 62.392, 73.139

83, 26.636,
273.013

53, 63.248, 72.528

84, 24.085,
265.033

86, 22.088,
255.502

Harmonies

Complementary

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



67, 18.637, 84.796



61, 18.306, 272.469

Rectangle

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



67, 18.637, 84.796



67, 18.637, 134.796



67, 18.637, 264.796



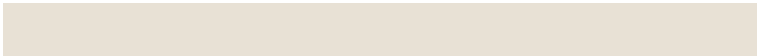
67, 18.637, 314.796

Sweetspot

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



67, 18.638, 84.803



90, 6.559, 87.266



60, 21.936, 353.225



48, 4.709, 87.085



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



67, 18.638, 84.803



83, 27.955, 83.975



71, 26.448, 112.614



37, 3.758, 87.123



46, 56.350, 72.946



5, 8.167, 77.820

Inverse Universe

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



61, 18.306, 272.469



74, 27.346, 273.670



56, 28.171, 297.357



35, 3.744, 269.574



27, 62.210, 294.010



2, 9.852, 274.903

Previews

White Background



This preview shows how the CIELCh color 67, 18.637, 84.796 looks on a white background.

Color Contrast Check

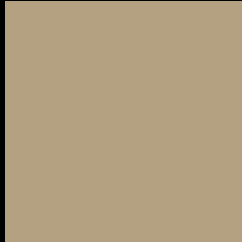
Large Text (above 18pt) WCAG AA × Fail

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, 18.637, 84.796 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

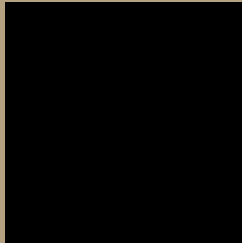
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 18.637, 84.796

Background



This preview shows how black text looks on a background with the CIELCh color 67, 18.637, 84.796.



This preview shows how white text looks on a background with the CIELCh color 67, 18.637, 84.796.

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, 18.637, 84.796

Protanopia

67, 18.033, 95.150

Deuteranopia

67, 20.024, 65.266



Tritanopia
67, 12.282, 348.045

Trichromacy



Original Color
67, 18.637, 84.796

Protanomaly
67, 17.861, 90.931

Deuteranomaly
67, 19.006, 70.825

Tritanomaly
67, 9.739, 33.190

Monochromacy



Original Color
67, 18.637, 84.796

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 6.637, 85.061

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 18.637, 84.796 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(179, 161, 130)` looks like.

```
.text, #text, p{  
    color:rgb(179, 161, 130)  
}
```

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(179, 161, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 161, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 18.637, 84.796 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(179, 161, 130) }
```

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

```
.border{ border-color:rgb(179, 161, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 161, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 161, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 161, 130);  
box-shadow:4px 4px 4px 4px rgb(179, 161,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 18.637, 84.796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 161, 130) }
```

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

```
.background{ background-color: rgb(179,  
161, 130) }
```

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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