

Converting Colors

CIELCh(67, 37.253, 184.343)

Have a look what the booklet for
CIELCh(67, 37.253, 184.343)
contains.

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Color

CIELCh(67, 37.247, 184.343)

Conversions

Conversions Part 1

Format	Color
Hex	37B5A7
RGB	55, 181, 167
RGB Percent	22%, 71%, 65%
CMY	0.7845, 0.2903, 0.3452
CMYK	0.70, 0.00, 0.08, 0.29
HSL	173°, 53%, 46%
HSV	173°, 70%, 71%
XYZ	25.0608, 36.6320, 42.2913
YIQ	141.7300, -70.6020, -31.0660

Conversions

Conversions Part 2

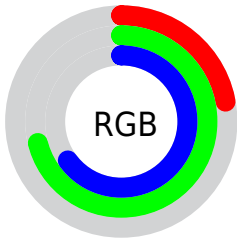
Format	Color
RYB	55, 122, 181
Decimal	3650983
CIELab	67.00, -37.14, -2.82
CIElCh	67, 37.247, 184.343
Yxy	36.6320, 0.2410, 0.3523
Android (android.graphics.Color)	4281841063 (0xFF37B5A7)
YUV	141.7300, 12.4581, -76.0622
Hunter-Lab	60.5244, -32.0077, 0.9383

Details

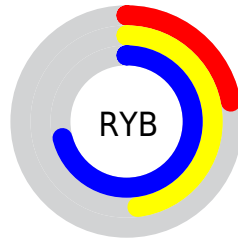
The CIELCh color **67, 37.247, 184.343** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **43, 55.619, 22.352**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 37.070, 184.642**, and **48, 32.528, 183.362** is the 20% darker color. If you saturate the color by 10%, you get **67, 39.912, 183.297**, and if you desaturate by 10%, it is **68, 33.771, 185.309**.

Distribution



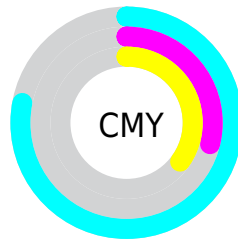
- Red (22%)
- Green (71%)
- Blue (65%)



- Red (22%)
- Yellow (48%)
- Blue (71%)



- Cyan (70%)
- Magenta (0%)
- Yellow (8%)
- Black (29%)





- Cyan (78%)
- Magenta (29%)
- Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 37.247, 184.343 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, 37.247, 184.343 by changing the saturation by 10% instead.


 67, 37.247,
184.343


 67, 37.247,
184.343


 100, 37.247,
184.343


 57, 37.247,
184.343


 87, 37.247,
184.343

 47, 37.247,
184.343

 97, 37.247,
184.343

 37, 37.247,
184.343

 27, 37.247,
184.343

 17, 37.247,
184.343

 7, 37.247, 184.343

 0, 37.247, 184.343

■ 67, 37.247,
184.343

■ 67, 37.247,
184.343

■ 67, 39.912,
183.297

■ 68, 33.771,
185.309

■ 66, 41.785,
182.158

■ 68, 29.517,
186.218

■ 66, 43.040,
180.934

■ 69, 24.558,
187.085

■ 66, 43.084,
180.889

■ 70, 18.991,
187.923

■ 71, 12.927,
188.744

■ 72, 6.477, 189.574

■ 74, 0.255, 8.335

■ 75, 7.177, 10.972

Harmonies

Complementary

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



67, 37.247, 184.343



43, 55.619, 22.352

Rectangle

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



67, 37.247, 184.343



67, 37.247, 234.343



67, 37.247, 4.343



67, 37.247, 54.343

Sweetspot

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



67, 37.247, 184.342



89, 17.005, 188.603



65, 76.083, 136.379



47, 11.420, 188.381



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, 37.247, 184.342



84, 49.902, 182.652



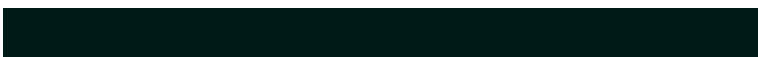
53, 33.290, 256.233



37, 3.769, 189.601



57, 38.002, 181.069



7, 9.439, 186.087

Inverse Universe

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



43, 55.619, 22.352



51, 81.686, 28.716



52, 48.246, 55.912



35, 3.946, 10.957



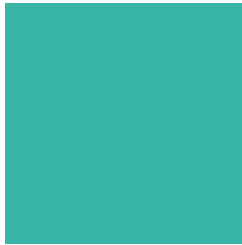
31, 66.730, 34.539



2, 9.242, 12.304

Previews

White Background



This preview shows how the CIELCh color 67, 37.247, 184.343 looks on a white background.

Color Contrast Check

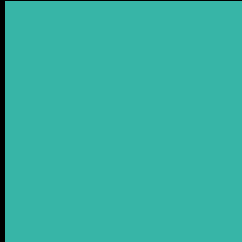
Large Text (above 18pt) WCAG AA × Fail

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, 37.247, 184.343 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

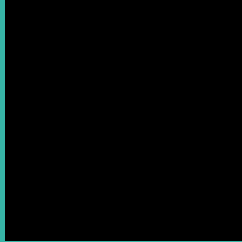
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

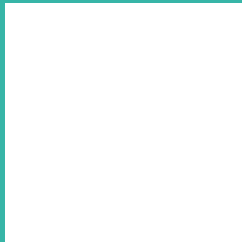
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 37.247, 184.343

Background



This preview shows how black text looks on a background with the CIELCh color 67, 37.247, 184.343.

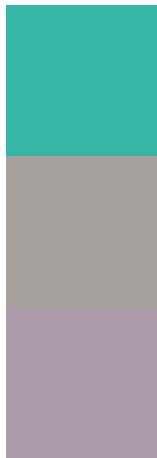


This preview shows how white text looks on a background with the CIELCh color 67, 37.247, 184.343.

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, 37.247, 184.343

Protanopia
67, 3.352, 74.608

Deuteranopia
67, 10.298, 326.655



Tritanopia
67, 31.028, 212.814

Trichromacy



Original Color
67, 37.247, 184.343



Protanomaly
66, 15.881, 181.762



Deuteranomaly
66, 12.840, 208.388

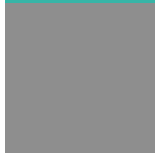


Tritanomaly
67, 32.336, 201.844

Monochromacy



Original Color
67, 37.247, 184.343



Achromatopsia
59, 0.008, 296.813



Achromatomaly
61, 16.751, 188.172

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 37.247, 184.343 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(55, 181, 167)` looks like.

```
.text, #text, p{  
    color:rgb(55, 181, 167)  
}
```

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(55, 181, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 181, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 37.247, 184.343 is called "border". The border property can be set on classes, ids or directly on the HTML element.

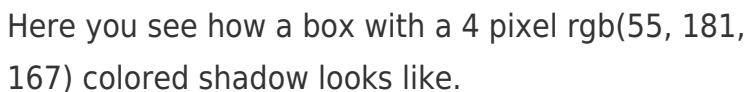
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(55, 181, 167) }
```

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

```
.border{ border-color:rgb(55, 181, 167) }
```

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



Here you see how a box with a 4 pixel `rgb(55, 181, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(55, 181, 167); -webkit-box-shadow:4px 4px 4px 4px rgb(55, 181, 167); box-shadow:4px 4px 4px 4px rgb(55, 181, 167) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 37.247, 184.343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 181, 167) }
```

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

```
.background{ background-color: rgb(55, 181,  
167) }
```

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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