

Converting Colors

CIELCh(67, 53.679, 162.484)

Have a look what the booklet for
CIELCh(67, 53.679, 162.484)
contains.

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Color

CIELCh(67, 53.674, 162.430)

Conversions

Conversions Part 1

Format	Color
Hex	17B984
RGB	23, 185, 132
RGB Percent	9%, 73%, 52%
CMY	0.9116, 0.2737, 0.4816
CMYK	0.88, 0.00, 0.29, 0.27
HSL	160°, 78%, 41%
HSV	160°, 88%, 73%
XYZ	21.9127, 36.6320, 27.8140
YIQ	130.5200, -79.5390, -50.8270

Conversions

Conversions Part 2

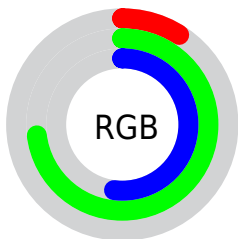
Format	Color
RYB	23, 120, 185
Decimal	1554820
CIELab	67.00, -51.17, 16.20
CIELCh	67, 53.674, 162.430
Yxy	36.6320, 0.2537, 0.4242
Android (android.graphics.Color)	4279744900 (0xFF17B984)
YUV	130.5200, 0.7296, -94.2950
Hunter-Lab	60.5244, -41.2921, 15.1203

Details

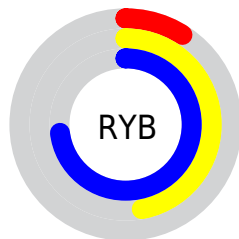
The CIELCh color **67, 53.674, 162.430** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **40, 64.073, 12.586**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **87, 53.602, 162.304**, and **48, 46.602, 157.170** is the 20% darker color. If you saturate the color by 10%, you get **67, 56.747, 160.306**, and if you desaturate by 10%, it is **67, 49.932, 164.379**.

Distribution



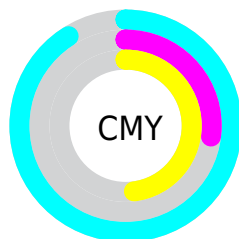
- Red (9%)
- Green (73%)
- Blue (52%)



- Red (9%)
- Yellow (47%)
- Blue (73%)



- Cyan (88%)
- Magenta (0%)
- Yellow (29%)
- Black (27%)





- Cyan (91%)
- Magenta (27%)
- Yellow (48%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 53.674, 162.430 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, 53.674, 162.430 by changing the saturation by 10% instead.


 67, 53.674,
162.430


 67, 53.674,
162.430


 100, 53.674,
162.430


 57, 53.674,
162.430


 87, 53.674,
162.430

 47, 53.674,
162.430

 97, 53.674,
162.430

 37, 53.674,
162.430

 27, 53.674,
162.430

 17, 53.674,
162.430

 7, 53.674, 162.430

 0, 53.674, 162.430

■ 67, 53.674,
162.430

■ 67, 53.674,
162.430

■ 67, 56.747,
160.306

■ 67, 49.932,
164.379

■ 67, 57.385,
159.854

■ 68, 45.425,
166.128

■ 68, 40.168,
167.690

■ 69, 34.230,
169.089

■ 70, 27.716,
170.349

■ 71, 20.750,
171.495

■ 73, 13.456,
172.550

■ 74, 5.951, 173.554

Harmonies

Complementary

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



67, 53.674, 162.430



40, 64.073, 12.586

Rectangle

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



67, 53.674, 162.430



67, 53.674, 212.430



67, 53.674, 342.430



67, 53.674, 32.430

Sweetspot

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



67, 53.674, 162.429



90, 23.954, 171.648



67, 85.364, 131.696



47, 16.146, 171.271



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



67, 53.674, 162.429



84, 70.089, 159.460



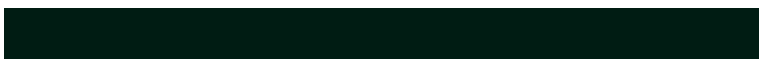
60, 33.442, 224.693



38, 4.273, 173.402



57, 50.173, 160.178



8, 12.743, 166.759

Inverse Universe

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



40, 64.073, 12.586



51, 83.106, 19.759



42, 70.551, 41.480



36, 4.379, 355.000



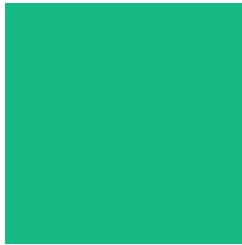
32, 59.714, 17.913



2, 11.306, 0.374

Previews

White Background



This preview shows how the CIELCh color 67, 53.674, 162.430 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, 53.674, 162.430 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, 53.674, 162.430

Background



This preview shows how black text looks on a background with the CIELCh color 67, 53.674, 162.430.

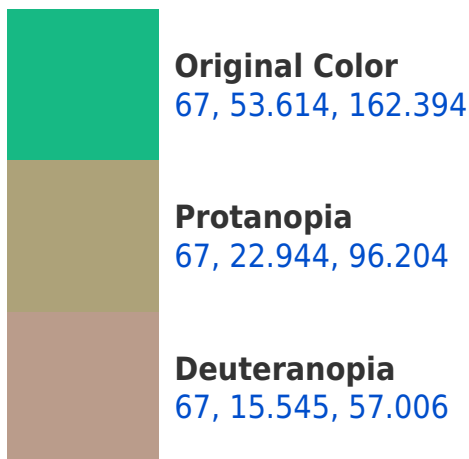


This preview shows how white text looks on a background with the CIELCh color 67, 53.674, 162.430.

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





Tritanopia
67, 31.679, 211.367

Trichromacy



Original Color
67, 53.614, 162.394



Protanomaly
65, 32.004, 146.133



Deuteranomaly
65, 22.718, 150.588



Tritanomaly
67, 37.256, 186.961

Monochromacy



Original Color
67, 53.614, 162.394



Achromatopsia
55, 0.007, 296.813



Achromatomaly
58, 24.452, 169.398

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 53.674, 162.430 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(23, 185, 132)` looks like.

```
.text, #text, p{  
    color:rgb(23, 185, 132)  
}
```

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(23, 185, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 185, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 53.674, 162.430 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(23, 185, 132) }
```

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

```
.border{ border-color:rgb(23, 185, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 185, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 185, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 185, 132);  
box-shadow:4px 4px 4px 4px rgb(23, 185,  
132) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 53.674, 162.430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 185, 132) }
```

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

```
.background{ background-color: rgb(23, 185,  
132) }
```

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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