

Converting Colors

CIELCh(67, 54.270, 160.807)

Have a look what the booklet for
CIELCh(67, 54.270, 160.807)
contains.

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Color

CIELCh(67, 54.265, 160.778)

Conversions

Conversions Part 1

Format	Color
Hex	1EB981
RGB	30, 185, 129
RGB Percent	12%, 73%, 51%
CMY	0.8811, 0.2739, 0.4936
CMYK	0.84, 0.00, 0.30, 0.27
HSL	158°, 72%, 42%
HSV	158°, 84%, 73%
XYZ	21.8978, 36.6320, 26.7348
YIQ	132.2710, -74.4040, -50.2760

Conversions

Conversions Part 2

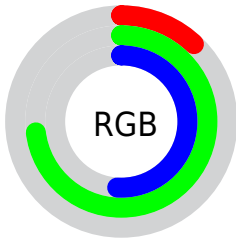
Format	Color
RYB	30, 125, 185
Decimal	2013569
CIELab	67.00, -51.24, 17.87
CIELCh	67, 54.265, 160.778
Yxy	36.6320, 0.2568, 0.4296
Android (android.graphics.Color)	4280203649 (0xFF1EB981)
YUV	132.2710, -1.6126, -89.6917
Hunter-Lab	60.5244, -41.3361, 16.1775

Details

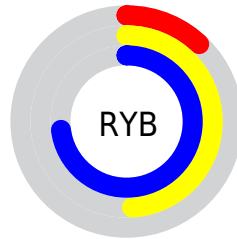
The CIELCh color **67, 54.265, 160.778** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **41, 62.205, 7.626**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **87, 54.306, 160.812**, and **48, 47.856, 155.685** is the 20% darker color. If you saturate the color by 10%, you get **67, 57.886, 158.667**, and if you desaturate by 10%, it is **67, 49.905, 162.684**.

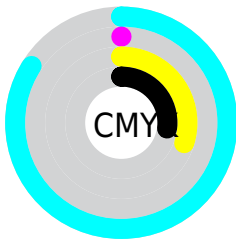
Distribution



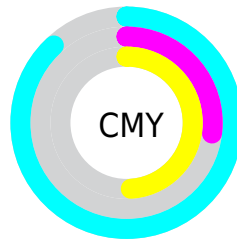
- Red (12%)
- Green (73%)
- Blue (51%)



- Red (12%)
- Yellow (49%)
- Blue (73%)



- Cyan (84%)
- Magenta (0%)
- Yellow (30%)
- Black (27%)





- Cyan (88%)
- Magenta (27%)
- Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 54.265, 160.778 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, 54.265, 160.778 by changing the saturation by 10% instead.

 67, 54.265,
160.778


 67, 54.265,
160.778

 100, 54.265,
160.778

 57, 54.265,
160.778


 87, 54.265,
160.778

 47, 54.265,
160.778

 97, 54.265,
160.778

 37, 54.265,
160.778

 27, 54.265,
160.778

 17, 54.265,
160.778

 7, 54.265, 160.778

 0, 54.265, 160.778

■ 67, 54.265,
160.778

■ 67, 54.265,
160.778

■ 67, 57.886,
158.667

■ 67, 49.905,
162.684

■ 67, 59.946,
157.286

■ 68, 44.784,
164.389

■ 69, 38.945,
165.908

■ 70, 32.481,
167.266

■ 71, 25.511,
168.487

■ 72, 18.163,
169.596

■ 73, 10.560,
170.619

■ 75, 2.816, 171.657

Harmonies

Complementary

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



67, 54.265, 160.778



41, 62.205, 7.626

Rectangle

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



67, 54.265, 160.778



67, 54.265, 210.778



67, 54.265, 340.778



67, 54.265, 30.778

Sweetspot

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



67, 54.265, 160.778



90, 23.661, 169.405



67, 82.327, 130.679



47, 16.063, 169.024



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, 54.265, 160.778



84, 73.271, 156.884



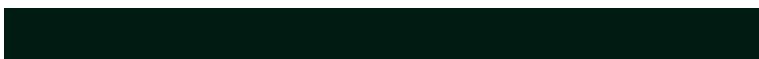
62, 33.408, 217.496



38, 4.371, 171.044



57, 52.401, 157.616



8, 13.093, 164.507

Inverse Universe

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



41, 62.205, 7.626



51, 81.941, 16.353



42, 68.072, 39.472



36, 4.466, 352.626



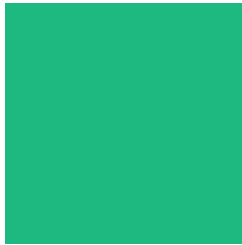
33, 59.022, 14.555



2, 11.449, 358.465

Previews

White Background



This preview shows how the CIELCh color 67, 54.265, 160.778 looks on a white background.

Color Contrast Check

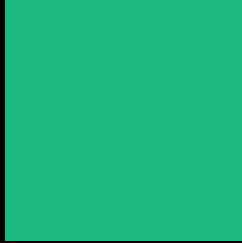
Large Text (above 18pt) WCAG AA × Fail

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, 54.265, 160.778 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, 54.265, 160.778

Background



This preview shows how black text looks on a background with the CIELCh color 67, 54.265, 160.778.



This preview shows how white text looks on a background with the CIELCh color 67, 54.265, 160.778.

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, 54.265, 160.778

Protanopia

67, 24.627, 95.766

Deuteranopia

67, 16.677, 61.198



Tritanopia
67, 31.028, 212.814

Trichromacy



Original Color
67, 54.265, 160.778



Protanomaly
65, 32.452, 142.535



Deuteranomaly
65, 23.532, 146.715



Tritanomaly
67, 36.527, 186.807

Monochromacy



Original Color
67, 54.265, 160.778



Achromatopsia
55, 0.007, 296.813



Achromatomaly
58, 23.627, 168.445

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 54.265, 160.778 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(30, 185, 129)` looks like.

```
.text, #text, p{  
    color:rgb(30, 185, 129)  
}
```

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(30, 185, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 185, 129) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 54.265, 160.778 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(30, 185, 129) }
```

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

```
.border{ border-color:rgb(30, 185, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 185, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 185, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 185, 129);  
box-shadow:4px 4px 4px 4px rgb(30, 185,  
129) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 54.265, 160.778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 185, 129) }
```

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

```
.background{ background-color: rgb(30, 185,  
129) }
```

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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