

Converting Colors

CIELCh(67, 67.487, 150.691)

Have a look what the booklet for
CIELCh(67, 67.487, 150.691)
contains.

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Color

CIELCh(67, 67.557, 150.619)

Conversions

Conversions Part 1

Format	Color
Hex	0FBB64
RGB	15, 187, 100
RGB Percent	6%, 73%, 39%
CMY	0.9427, 0.2660, 0.6072
CMYK	0.92, 0.00, 0.46, 0.27
HSL	150°, 86%, 40%
HSV	150°, 92%, 73%
XYZ	20.3033, 36.6320, 18.0952
YIQ	125.6540, -74.5850, -63.5210

Conversions

Conversions Part 2

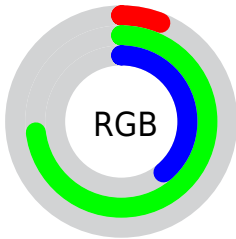
Format	Color
RYB	15, 130, 187
Decimal	1031012
CIELab	67.00, -58.87, 33.14
CIELCh	67, 67.557, 150.619
Yxy	36.6320, 0.2706, 0.4882
Android (android.graphics.Color)	4279221092 (0xFF0FBB64)
YUV	125.6540, -12.6474, -97.0436
Hunter-Lab	60.5244, -46.0385, 24.6409

Details

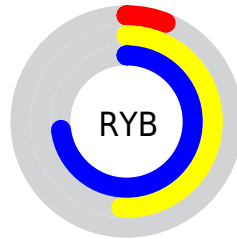
The CIELCh color **67, 67.557, 150.619** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **41, 66.238, 358.656**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **87, 67.286, 150.599**, and **48, 59.927, 144.782** is the 20% darker color. If you saturate the color by 10%, you get **67, 70.922, 148.909**, and if you desaturate by 10%, it is **67, 62.702, 152.746**.

Distribution



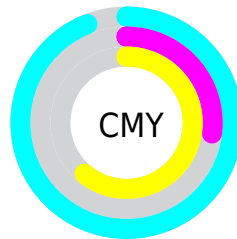
- Red (6%)
- Green (73%)
- Blue (39%)



- Red (6%)
- Yellow (51%)
- Blue (73%)



- Cyan (92%)
- Magenta (0%)
- Yellow (46%)
- Black (27%)





- Cyan (94%)
- Magenta (27%)
- Yellow (61%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 67.557, 150.619 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, 67.557, 150.619 by changing the saturation by 10% instead.


 67, 67.557,
150.619


 67, 67.557,
150.619


 100, 67.557,
150.619


 57, 67.557,
150.619


 87, 67.557,
150.619

 47, 67.557,
150.619

 97, 67.557,
150.619

 37, 67.557,
150.619

 27, 67.557,
150.619

 17, 67.557,
150.619

 7, 67.557, 150.619

 0, 67.557, 150.619

■ 67, 67.557,
150.619

■ 67, 67.557,
150.619

■ 67, 70.922,
148.909

■ 67, 62.702,
152.746

■ 68, 57.051,
154.673

■ 68, 50.619,
156.390

■ 69, 43.484,
157.907

■ 70, 35.768,
159.246

■ 71, 27.613,
160.430

■ 73, 19.163,
161.485

■ 74, 10.552,

162.439

■ 76, 1.895, 163.450

Harmonies

Complementary

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



67, 67.557, 150.619



41, 66.238, 358.656

Rectangle

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



67, 67.557, 150.619



67, 67.557, 200.619



67, 67.557, 330.619



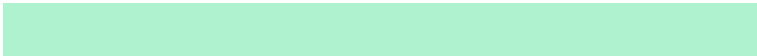
67, 67.557, 20.619

Sweetspot

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



67, 67.557, 150.619



90, 29.699, 160.839



68, 83.396, 126.700



48, 20.596, 160.364



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



67, 67.557, 150.619



84, 86.786, 148.509



69, 39.692, 194.061



39, 4.933, 162.698



57, 62.189, 149.229



9, 16.659, 156.862

Inverse Universe

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



41, 66.238, 358.656



52, 81.467, 2.399



40, 77.877, 37.161



37, 4.994, 344.148



34, 59.393, 1.046



3, 13.982, 351.359

Previews

White Background



This preview shows how the CIELCh color 67, 67.557, 150.619 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, 67.557, 150.619 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, 67.557, 150.619

Background



This preview shows how black text looks on a background with the CIELCh color 67, 67.557, 150.619.

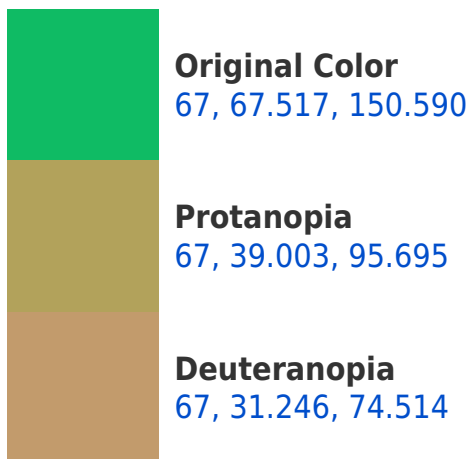


This preview shows how white text looks on a background with the CIELCh color 67, 67.557, 150.619.

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, 30.519, 212.011

Trichromacy



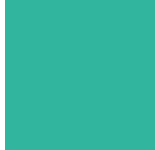
Original Color
67, 67.517, 150.590



Protanomaly
65, 46.565, 132.765



Deuteranomaly
64, 37.185, 131.212



Tritanomaly
67, 40.285, 177.673

Monochromacy



Original Color
67, 67.517, 150.590



Achromatopsia
53, 0.007, 296.813



Achromatomaly
56, 29.510, 159.928

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 67.557, 150.619 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(15, 187, 100)` looks like.

```
.text, #text, p{  
    color:rgb(15, 187, 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(15, 187, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 187, 100) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 67.557, 150.619 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(15, 187, 100) }
```

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

```
.border{ border-color:rgb(15, 187, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(15, 187, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 187, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 187, 100);  
box-shadow:4px 4px 4px 4px rgb(15, 187,  
100) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 67.557, 150.619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 187, 100) }
```

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

```
.background{ background-color: rgb(15, 187,  
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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