

Converting Colors

CIELCh(67, 31.893, 154.031)

Have a look what the booklet for
CIELCh(67, 31.893, 154.031)
contains.

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Color

CIELCh(67, 31.656, 154.242)

Conversions

Conversions Part 1

Format	Color
Hex	72B089
RGB	114, 176, 137
RGB Percent	45%, 69%, 54%
CMY	0.5514, 0.3082, 0.4612
CMYK	0.35, 0.00, 0.22, 0.31
HSL	142°, 28%, 57%
HSV	142°, 35%, 69%
XYZ	27.1393, 36.6320, 29.4534
YIQ	153.0160, -24.4330, -25.2730

Conversions

Conversions Part 2

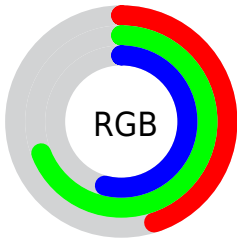
Format	Color
RYB	114, 159, 176
Decimal	7516297
CIELab	67.00, -28.51, 13.76
CIElCh	67, 31.656, 154.242
Yxy	36.6320, 0.2911, 0.3929
Android (android.graphics.Color)	4285706377 (0xFF72B089)
YUV	153.0160, -7.8959, -34.2170
Hunter-Lab	60.5244, -25.8778, 13.5143

Details

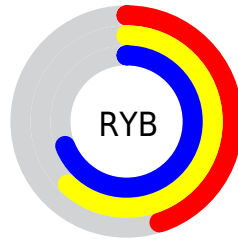
The CIELCh color $67, 31.656, 154.242$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $56, 32.276, 340.107$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 31.816, 153.835$, and $47, 31.539, 154.067$ is the 20% darker color. If you saturate the color by 10%, you get $66, 40.263, 153.077$, and if you desaturate by 10%, it is $68, 22.760, 155.262$.

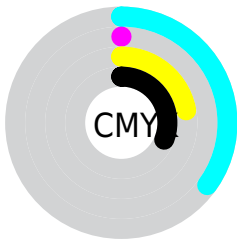
Distribution



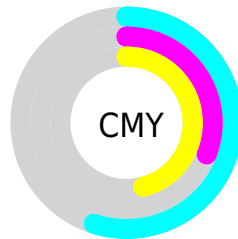
- Red (45%)
- Green (69%)
- Blue (54%)



- Red (45%)
- Yellow (62%)
- Blue (69%)



- Cyan (35%)
- Magenta (0%)
- Yellow (22%)
- Black (31%)





- Cyan (55%)
- Magenta (31%)
- Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 31.656, 154.242 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, 31.656, 154.242 by changing the saturation by 10% instead.


 67, 31.656,
154.242


 67, 31.656,
154.242


 100, 31.656,
154.242


 57, 31.656,
154.242


 87, 31.656,
154.242

 47, 31.656,
154.242

 97, 31.656,
154.242

 37, 31.656,
154.242

 27, 31.656,
154.242

 17, 31.656,
154.242

 7, 31.656, 154.242

 0, 31.656, 154.242

67, 31.656,
154.242

67, 31.656,
154.242

66, 40.263,
153.077

68, 22.760,
155.262

65, 48.420,
151.746

70, 13.715,
156.163

64, 55.970,
150.228

71, 4.646, 156.997

64, 62.775,
148.516

73, 4.351, 337.550

75, 13.202,
338.226

63, 68.736,
146.615

77, 21.855,
338.801

63, 73.819,
144.566

79, 30.276,
339.317

63, 76.061,
143.610

81, 38.313,
339.575

■ 81, 42.175,
333.494

Harmonies

Complementary

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



67, 31.656, 154.242



56, 32.276, 340.107

Rectangle

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



67, 31.656, 154.242



67, 31.656, 204.242



67, 31.656, 334.242



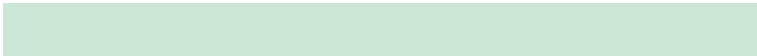
67, 31.656, 24.242

Sweetspot

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



67, 31.657, 154.242



89, 12.316, 156.495



69, 34.627, 122.450



47, 8.270, 156.386



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



67, 31.657, 154.242



84, 46.516, 153.374



68, 21.930, 185.527



37, 5.165, 156.648



55, 68.084, 143.873



7, 13.283, 153.745

Inverse Universe

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



56, 32.276, 340.107



68, 47.491, 340.843



55, 26.205, 12.383



35, 5.202, 337.933



33, 60.688, 349.988



2, 11.544, 342.647

Previews

White Background



This preview shows how the CIELCh color 67, 31.656, 154.242 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, 31.656, 154.242 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, 31.656, 154.242

Background



This preview shows how black text looks on a background with the CIELCh color 67, 31.656, 154.242.

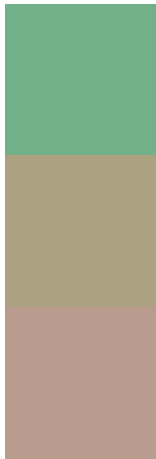


This preview shows how white text looks on a background with the CIELCh color 67, 31.656, 154.242.

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, 31.656, 154.242

Protanopia
67, 18.053, 95.134

Deuteranopia
67, 14.163, 53.030



Tritanopia
67, 16.988, 225.577

Trichromacy



Original Color
67, 31.656, 154.242

Protanomaly
66, 19.736, 127.105

Deuteranomaly
66, 12.765, 116.002

Tritanomaly
67, 18.137, 189.070

Monochromacy



Original Color
67, 31.656, 154.242

Achromatopsia
63, 0.008, 296.813

Achromatomaly
65, 12.191, 155.261

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 31.656, 154.242 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(114, 176, 137)` looks like.

```
.text, #text, p{  
    color:rgb(114, 176, 137)  
}
```

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(114, 176, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 176, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 31.656, 154.242 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(114, 176, 137) }
```

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

```
.border{ border-color:rgb(114, 176, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 176, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 176, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 176, 137);  
box-shadow:4px 4px 4px 4px rgb(114, 176,  
137) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 31.656, 154.242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 176, 137) }
```

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

```
.background{ background-color: rgb(114,  
176, 137) }
```

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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