

Converting Colors

CIELCh(67, 32.407, 162.508)

Have a look what the booklet for
CIELCh(67, 32.407, 162.508)
contains.

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Color

CIELCh(67, 32.513, 162.743)

Conversions

Conversions Part 1

| Format | Color |
|---------------|------------------------------|
| Hex | 67B291 |
| RGB | 103, 178, 145 |
| RGB Percent | 40%, 70%, 57% |
| CMY | 0.5972, 0.3031, 0.4324 |
| CMYK | 0.42, 0.00, 0.19, 0.30 |
| HSL | 154°, 33%, 55% |
| HSV | 154°, 42%, 70% |
| XYZ | 26.5163, 36.6320, 32.3524 |
| YIQ | 151.8130, -34.1070, -26.1630 |

Conversions

Conversions Part 2

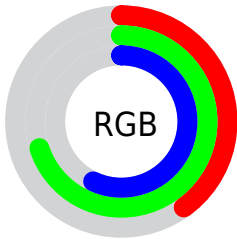
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 103, 151, 178 |
| Decimal | 6795921 |
| CIELab | 67.00, -31.05, 9.65 |
| CIElCh | 67, 32.513, 162.743 |
| Yxy | 36.6320, 0.2777, 0.3836 |
| Android (android.graphics.Color) | 4284986001 (0xFF67B291) |
| YUV | 151.8130, -3.3588, -42.8090 |
| Hunter-Lab | 60.5244, -27.7151, 10.6745 |

Details

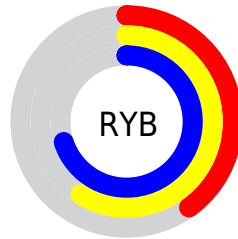
The CIELCh color $67, 32.513, 162.743$ is a dark color, and the websafe version is hex $66CC99$. A complement of this color would be $53, 34.774, 351.558$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 32.483, 162.965$, and $47, 32.509, 163.060$ is the 20% darker color. If you saturate the color by 10%, you get $66, 39.432, 161.400$, and if you desaturate by 10%, it is $68, 25.160, 163.939$.

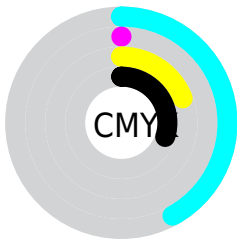
Distribution



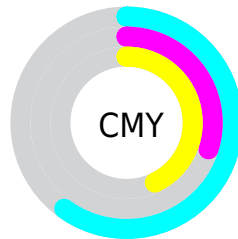
- Red (40%)
- Green (70%)
- Blue (57%)



- Red (40%)
- Yellow (59%)
- Blue (70%)



- Cyan (42%)
- Magenta (0%)
- Yellow (19%)
- Black (30%)





- Cyan (60%)
- Magenta (30%)
- Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 32.513, 162.743 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, 32.513, 162.743 by changing the saturation by 10% instead.

 67, 32.513,
162.743

 67, 32.513,
162.743


 100, 32.513,
162.743


 57, 32.513,
162.743


 87, 32.513,
162.743

 47, 32.513,
162.743


 97, 32.513,
162.743

 37, 32.513,
162.743

 27, 32.513,
162.743

 17, 32.513,
162.743

 7, 32.513, 162.743

 0, 32.513, 162.743

67, 32.513,
162.743

67, 32.513,
162.743

66, 39.432,
161.400

68, 25.160,
163.939

65, 45.787,
159.888

69, 17.500,
165.015

65, 51.475,
158.183

71, 9.657, 165.999

64, 56.432,
156.271

72, 1.737, 167.064

74, 6.173, 347.582

64, 60.656,
154.154

76, 14.004,
348.365

64, 63.585,
152.447

77, 21.705,
349.071

79, 29.243,
349.728

■ 81, 34.279,
347.461

Harmonies

Complementary

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



67, 32.513, 162.743



53, 34.774, 351.558

Rectangle

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



67, 32.513, 162.743



67, 32.513, 212.743



67, 32.513, 342.743



67, 32.513, 32.743

Sweetspot

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



67, 32.514, 162.742



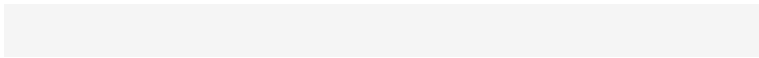
90, 12.781, 165.901



68, 43.523, 128.863



48, 9.010, 165.690



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, 32.514, 162.742



84, 47.889, 161.444



67, 23.133, 202.746



37, 4.501, 166.273



56, 56.611, 152.744



7, 11.809, 161.000

Inverse Universe

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



53, 34.774, 351.558



63, 51.783, 353.081



53, 31.431, 27.055



35, 4.573, 347.782



32, 57.658, 7.006



2, 10.274, 353.186

Previews

White Background



This preview shows how the CIELCh color 67, 32.513, 162.743 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, 32.513, 162.743 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, 32.513, 162.743

Background



This preview shows how black text looks on a background with the CIELCh color 67, 32.513, 162.743.

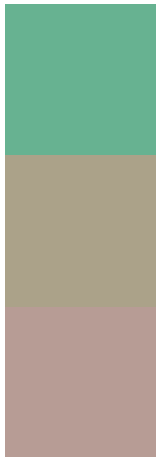


This preview shows how white text looks on a background with the CIELCh color 67, 32.513, 162.743.

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, 32.513, 162.743

Protanopia
67, 14.221, 93.849

Deuteranopia
67, 11.487, 39.798



Tritanopia
67, 20.371, 220.490

Trichromacy



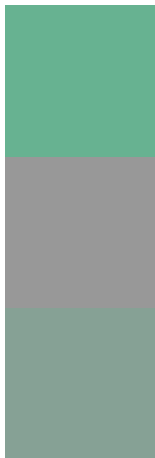
Original Color
67, 32.513, 162.743

Protanomaly
67, 17.697, 137.609

Deuteranomaly
66, 10.181, 131.671

Tritanomaly
67, 21.988, 193.235

Monochromacy



Original Color
67, 32.513, 162.743

Achromatopsia
63, 0.008, 296.813

Achromatomaly
64, 12.273, 165.309

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 32.513, 162.743 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(103, 178, 145)` looks like.

```
.text, #text, p{  
    color:rgb(103, 178, 145)  
}
```

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(103, 178, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 178, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 32.513, 162.743 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(103, 178, 145) }
```

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

```
.border{ border-color:rgb(103, 178, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 178, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 178, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 178, 145);  
box-shadow:4px 4px 4px 4px rgb(103, 178,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 32.513, 162.743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 178, 145) }
```

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

```
.background{ background-color: rgb(103,  
178, 145) }
```

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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