

Converting Colors

CIELCh(67, 21.994, 167.780)

Have a look what the booklet for
CIELCh(67, 21.994, 167.780)
contains.

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Color

CIELCh(67, 22.056, 167.490)

Conversions

Conversions Part 1

Format	Color
Hex	7AAE9A
RGB	122, 174, 154
RGB Percent	48%, 68%, 60%
CMY	0.5224, 0.3185, 0.3969
CMYK	0.30, 0.00, 0.12, 0.32
HSL	157°, 24%, 58%
HSV	157°, 30%, 68%
XYZ	28.9017, 36.6320, 36.0231
YIQ	156.1720, -24.5720, -17.2440

Conversions

Conversions Part 2

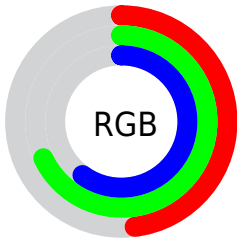
Format	Color
R_{YB}	122, 154, 174
Decimal	8040090
CIE _{Lab}	67.00, -21.53, 4.78
CIE _{LCh}	67, 22.056, 167.490
Yxy	36.6320, 0.2846, 0.3607
Android (android.graphics.Color)	4286230170 (0xFF7AAE9A)
YUV	156.1720, -1.0708, -29.9688
Hunter-Lab	60.5244, -20.6800, 7.0787

Details

The CIELCh color $67, 22.056, 167.490$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $57, 23.475, 353.452$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 22.254, 166.746$, and $47, 21.873, 167.857$ is the 20% darker color. If you saturate the color by 10%, you get $66, 28.981, 166.317$, and if you desaturate by 10%, it is $68, 14.834, 168.553$.

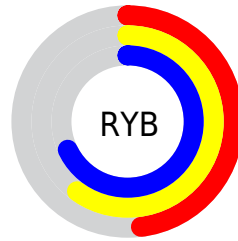
Distribution



Red (48%)

Green (68%)

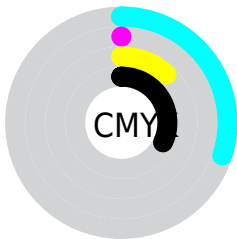
Blue (60%)



Red (48%)

Yellow (60%)

Blue (68%)

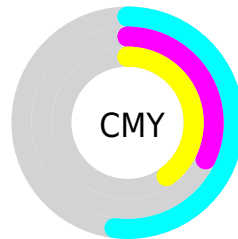


Cyan (30%)

Magenta (0%)

Yellow (12%)

Black (32%)



Cyan (52%)

Magenta (32%)

Yellow (40%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 22.056, 167.490 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, 22.056, 167.490 by changing the saturation by 10% instead.

 67, 22.056,
167.490

 67, 22.056,
167.490

 100, 22.056,
167.490

 57, 22.056,
167.490


 87, 22.056,
167.490

 47, 22.056,
167.490

 97, 22.056,
167.490

 37, 22.056,
167.490

 27, 22.056,
167.490

 17, 22.056,
167.490

 7, 22.056, 167.490

 0, 22.056, 167.490

67, 22.056,
167.490

67, 22.056,
167.490

66, 28.981,
166.317

68, 14.834,
168.553

65, 35.484,
165.016

70, 7.427, 169.545

64, 41.447,
163.560

71, 0.065, 344.193

73, 7.560, 351.149

64, 46.768,
161.925

74, 14.995,
351.945

63, 51.382,
160.091

76, 22.321,
352.678

63, 55.280,
158.052


78, 29.505,
353.366

63, 58.621,
155.891

80, 34.667,
352.024

63, 58.648,

155.875

 80, 36.271,
347.015

Harmonies

Complementary

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



67, 22.056, 167.490



57, 23.475, 353.452

Rectangle

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



67, 22.056, 167.490



67, 22.056, 217.490



67, 22.056, 347.490



67, 22.056, 37.490

Sweetspot

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



67, 22.057, 167.488



89, 8.374, 169.619



68, 30.929, 131.140



47, 5.863, 169.479



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, 22.057, 167.488



84, 32.656, 166.714



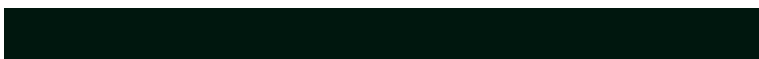
66, 16.236, 208.410



36, 4.232, 169.605



55, 52.470, 156.163



6, 9.575, 164.730

Inverse Universe

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



57, 23.475, 353.452



69, 35.247, 354.353



58, 20.020, 29.813



34, 4.316, 351.157



31, 57.272, 12.220



2, 8.619, 355.015

Previews

White Background



This preview shows how the CIELCh color 67, 22.056, 167.490 looks on a white background.

Color Contrast Check

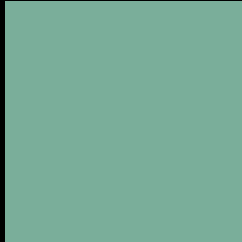
Large Text (above 18pt) WCAG AA × Fail

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, 22.056, 167.490 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, 22.056, 167.490

Background



This preview shows how black text looks on a background with the CIELCh color 67, 22.056, 167.490.

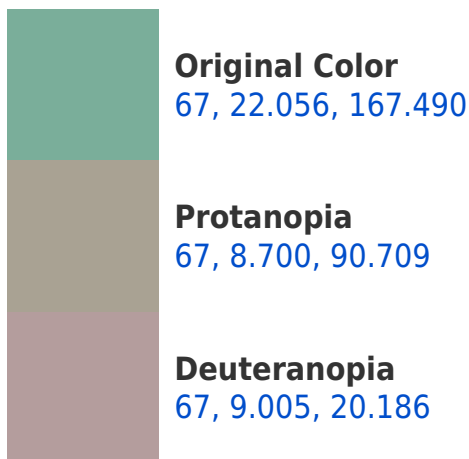



This preview shows how white text looks on a background with the CIELCh color 67, 22.056, 167.490.

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, 15.718, 225.739

Trichromacy



Original Color
67, 22.056, 167.490

Protanomaly
67, 10.864, 139.049

Deuteranomaly
66, 4.167, 131.379

Tritanomaly
67, 15.682, 200.156

Monochromacy



Original Color
67, 22.056, 167.490

Achromatopsia
64, 0.008, 296.813

Achromatomaly
65, 7.876, 169.166

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 22.056, 167.490 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(122, 174, 154)` looks like.

```
.text, #text, p{  
    color:rgb(122, 174, 154)  
}
```

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(122, 174, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 174, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 22.056, 167.490 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(122, 174, 154) }
```

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

```
.border{ border-color:rgb(122, 174, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 174, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 174, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 174, 154);  
box-shadow:4px 4px 4px 4px rgb(122, 174,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 22.056, 167.490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 174, 154) }
```

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

```
.background{ background-color: rgb(122,  
174, 154) }
```

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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