

Converting Colors

CIELCh(67, 22.705, 194.727)

Have a look what the booklet for
CIELCh(67, 22.705, 194.727)
contains.

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Color

CIELCh(67, 22.701, 194.738)

Conversions

Conversions Part 1

Format	Color
Hex	6BAFAD
RGB	107, 175, 173
RGB Percent	42%, 69%, 68%
CMY	0.5817, 0.3151, 0.3229
CMYK	0.39, 0.00, 0.01, 0.32
HSL	178°, 30%, 55%
HSV	178°, 39%, 68%
XYZ	28.7931, 36.6320, 44.9124
YIQ	154.4400, -39.8860, -15.0380

Conversions

Conversions Part 2

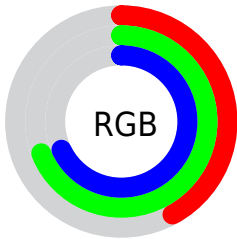
Format	Color
RYB	107, 142, 175
Decimal	7057325
CIELab	67.00, -21.95, -5.78
CIElCh	67, 22.701, 194.738
Yxy	36.6320, 0.2610, 0.3320
Android (android.graphics.Color)	4285247405 (0xFF6BAFAD)
YUV	154.4400, 9.1501, -41.6049
Hunter-Lab	60.5244, -21.0004, -1.6294

Details

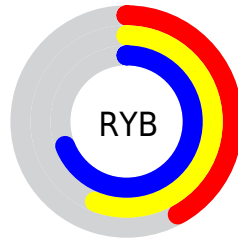
The CIELCh color **67, 22.701, 194.738** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **53, 29.314, 20.878**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 22.708, 193.903**, and **47, 22.597, 195.506** is the 20% darker color. If you saturate the color by 10%, you get **66, 27.225, 194.225**, and if you desaturate by 10%, it is **68, 17.545, 195.279**.

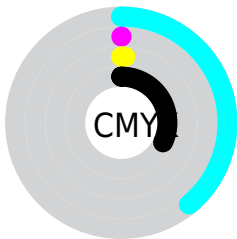
Distribution



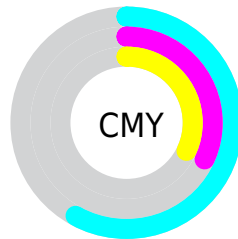
- Red (42%)
- Green (69%)
- Blue (68%)



- Red (42%)
- Yellow (56%)
- Blue (69%)



- Cyan (39%)
- Magenta (0%)
- Yellow (1%)
- Black (32%)





- Cyan (58%)
- Magenta (32%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 22.701, 194.738 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, 22.701, 194.738 by changing the saturation by 10% instead.

 67, 22.701,
194.738


 67, 22.701,
194.738


 100, 22.701,
194.738


 57, 22.701,
194.738


 87, 22.701,
194.738

 47, 22.701,
194.738

 97, 22.701,
194.738

 37, 22.701,
194.738

 27, 22.701,
194.738

 17, 22.701,
194.738

 7, 22.701, 194.738

 0, 22.701, 194.738

67, 22.701,
194.738

67, 22.701,
194.738

66, 27.225,
194.225

68, 17.545,
195.279

66, 31.029,
193.747

69, 11.857,
195.859

65, 34.053,
193.296

70, 5.741, 196.497

65, 36.274,
192.867

71, 0.702, 16.320

73, 7.382, 17.590

65, 37.716,
192.449

75, 14.221, 18.267

65, 38.530,
192.035

76, 21.154, 18.929

78, 28.128, 19.588

64, 38.607,
191.991

79, 31.560, 19.666

Harmonies

Complementary

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



67, 22.701, 194.738



53, 29.314, 20.878

Rectangle

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



67, 22.701, 194.738



67, 22.701, 244.738



67, 22.701, 14.738



67, 22.701, 64.738

Sweetspot

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



67, 22.701, 194.735



88, 9.469, 196.277



66, 45.014, 140.820



47, 6.311, 196.196



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, 22.701, 194.735



84, 32.540, 194.281



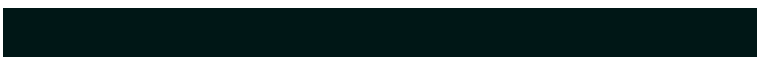
58, 21.117, 258.105



36, 3.614, 196.471



56, 34.581, 192.042



6, 7.823, 195.827

Inverse Universe

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



53, 29.314, 20.878



63, 44.932, 22.447



60, 24.118, 67.177



34, 3.817, 17.527



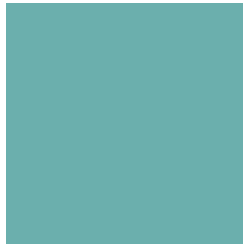
31, 68.911, 38.267



2, 7.810, 17.409

Previews

White Background



This preview shows how the CIELCh color 67, 22.701, 194.738 looks on a white background.

Color Contrast Check

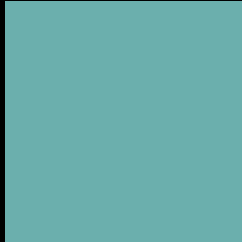
Large Text (above 18pt) WCAG AA × Fail

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, 22.701, 194.738 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

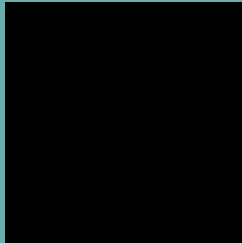
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

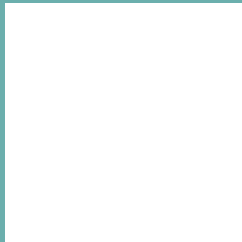
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 22.701, 194.738

Background



This preview shows how black text looks on a background with the CIELCh color 67, 22.701, 194.738.



This preview shows how white text looks on a background with the CIELCh color 67, 22.701, 194.738.

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, 22.701, 194.738

Protanopia
67, 2.505, 317.328

Deuteranopia
67, 11.293, 318.564



Tritanopia
67, 21.267, 217.786

Trichromacy



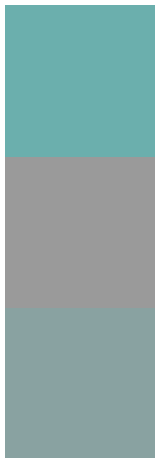
Original Color
67, 22.701, 194.738

Protanomaly
66, 8.412, 206.339

Deuteranomaly
66, 8.269, 246.661

Tritanomaly
67, 21.436, 208.223

Monochromacy



Original Color
67, 22.701, 194.738

Achromatopsia
64, 0.008, 296.813

Achromatomaly
65, 9.199, 195.158

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 22.701, 194.738 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(107, 175, 173)` looks like.

```
.text, #text, p{  
    color:rgb(107, 175, 173)  
}
```

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(107, 175, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 175, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 22.701, 194.738 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(107, 175, 173) }
```

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

```
.border{ border-color:rgb(107, 175, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 175, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 175, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 175, 173);  
box-shadow:4px 4px 4px 4px rgb(107, 175,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 22.701, 194.738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 175, 173) }
```

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

```
.background{ background-color: rgb(107,  
175, 173) }
```

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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