

Converting Colors

CIELCh(67, 22.775, 215.903)

Have a look what the booklet for
CIELCh(67, 22.775, 215.903)
contains.

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Color

CIELCh(67, 22.925, 214.681)

Conversions

Conversions Part 1

Format	Color
Hex	68AEBA
RGB	104, 174, 186
RGB Percent	41%, 68%, 73%
CMY	0.5932, 0.3187, 0.2716
CMYK	0.44, 0.06, 0.00, 0.27
HSL	189°, 37%, 57%
HSV	189°, 44%, 73%
XYZ	29.5984, 36.6320, 51.8178
YIQ	154.4380, -45.5720, -11.1080

Conversions

Conversions Part 2

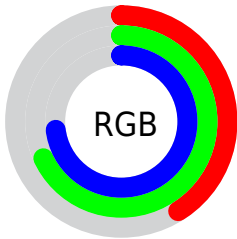
Format	Color
RYB	104, 142, 186
Decimal	6860474
CIELab	67.00, -18.85, -13.04
CIElCh	67, 22.925, 214.681
Yxy	36.6320, 0.2507, 0.3103
Android (android.graphics.Color)	4285050554 (0xFF68AEBA)
YUV	154.4380, 15.5601, -44.2341
Hunter-Lab	60.5244, -18.6252, -8.3939

Details

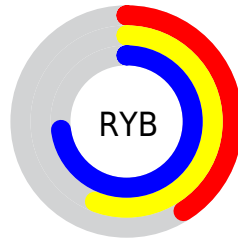
The CIELCh color **67, 22.925, 214.681** is a light color, and the websafe version is hex **669999**. A complement of this color would be **56, 31.898, 34.848**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 23.064, 213.936**, and **47, 22.850, 215.572** is the 20% darker color. If you saturate the color by 10%, you get **65, 26.646, 215.484**, and if you desaturate by 10%, it is **69, 18.556, 214.122**.

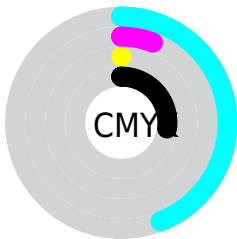
Distribution



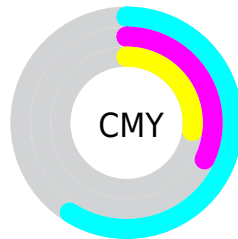
- Red (41%)
- Green (68%)
- Blue (73%)



- Red (41%)
- Yellow (56%)
- Blue (73%)



- Cyan (44%)
- Magenta (6%)
- Yellow (0%)
- Black (27%)





- Cyan (59%)
- Magenta (32%)
- Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 22.925, 214.681 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, 22.925, 214.681 by changing the saturation by 10% instead.


 67, 22.925,
214.681


 67, 22.925,
214.681


 100, 22.925,
214.681


 57, 22.925,
214.681


 87, 22.925,
214.681

 47, 22.925,
214.681

 97, 22.925,
214.681

 37, 22.925,
214.681

 27, 22.925,
214.681

 17, 22.925,
214.681

 7, 22.925, 214.681

 0, 22.925, 214.681

67, 22.925,
214.681

67, 22.925,
214.681

65, 26.646,
215.484

69, 18.556,
214.122

64, 29.644,
216.593

71, 13.629,
213.769

63, 31.875,
218.064

72, 8.240, 213.590

62, 33.342,
219.961

75, 2.479, 213.658

77, 3.570, 33.318

61, 34.109,
222.335

79, 9.837, 33.504

60, 34.375,
223.874

81, 16.261, 33.675

84, 22.793, 33.876

85, 23.197, 37.168

Harmonies

Complementary

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



67, 22.925, 214.681



56, 31.898, 34.848

Rectangle

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



67, 22.925, 214.681



67, 22.925, 264.681



67, 22.925, 34.681



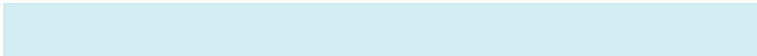
67, 22.925, 84.681

Sweetspot

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



67, 22.925, 214.678



92, 9.420, 213.582



69, 49.226, 144.702



49, 6.603, 213.603



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, 22.925, 214.678



83, 32.413, 215.459



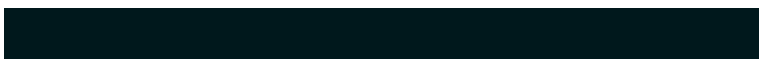
56, 30.739, 276.099



38, 3.312, 213.569



51, 30.166, 223.451



7, 8.755, 220.299

Inverse Universe

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



55, 48.706, 331.413



67, 71.093, 332.023



66, 31.583, 82.552



36, 6.247, 329.246



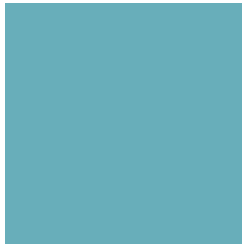
35, 71.357, 334.957



3, 16.215, 331.173

Previews

White Background



This preview shows how the CIELCh color 67, 22.925, 214.681 looks on a white background.

Color Contrast Check

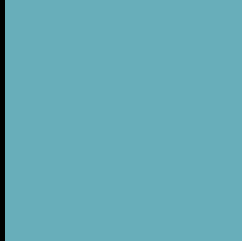
Large Text (above 18pt) WCAG AA × Fail

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, 22.925, 214.681 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

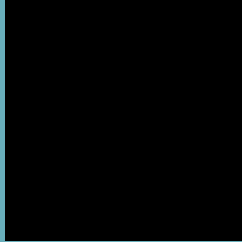
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 22.925, 214.681

Background



This preview shows how black text looks on a background with the CIELCh color 67, 22.925, 214.681.



This preview shows how white text looks on a background with the CIELCh color 67, 22.925, 214.681.

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

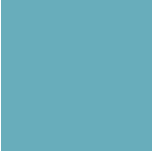
67, 22.925, 214.681

Protanopia

67, 9.410, 291.155

Deuteranopia

67, 17.407, 300.147



Tritanopia
67, 22.846, 217.753

Trichromacy



Original Color
67, 22.925, 214.681

Protanomaly
67, 12.098, 242.358

Deuteranomaly
67, 14.906, 262.523

Tritanomaly
67, 22.846, 217.753

Monochromacy



Original Color
67, 22.925, 214.681

Achromatopsia
64, 0.008, 296.813

Achromatomaly
65, 9.371, 216.054

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 22.925, 214.681 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(104, 174, 186)` looks like.

```
.text, #text, p{  
    color:rgb(104, 174, 186)  
}
```

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(104, 174, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 174, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 22.925, 214.681 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(104, 174, 186) }
```

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

```
.border{ border-color:rgb(104, 174, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 174, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 174, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 174, 186);  
box-shadow:4px 4px 4px 4px rgb(104, 174,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 22.925, 214.681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 174, 186) }
```

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

```
.background{ background-color: rgb(104,  
174, 186) }
```

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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