

Converting Colors

CIELCh(67, 14.872, 219.951)

Have a look what the booklet for
CIELCh(67, 14.872, 219.951)
contains.

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Color

CIELCh(67, 14.924, 220.215)

Conversions

Conversions Part 1

Format	Color
Hex	81AAB4
RGB	129, 170, 180
RGB Percent	51%, 67%, 71%
CMY	0.4947, 0.3340, 0.2948
CMYK	0.28, 0.06, 0.00, 0.29
HSL	192°, 25%, 61%
HSV	192°, 28%, 71%
XYZ	31.5951, 36.6320, 48.4978
YIQ	158.8810, -27.6460, -5.5820

Conversions

Conversions Part 2

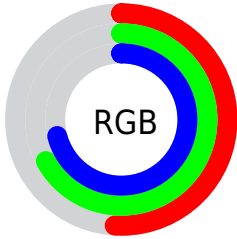
Format	Color
RYB	129, 152, 180
Decimal	8497844
CIELab	67.00, -11.40, -9.64
CIElCh	67, 14.924, 220.215
Yxy	36.6320, 0.2707, 0.3138
Android (android.graphics.Color)	4286687924 (0xFF81AAB4)
YUV	158.8810, 10.4117, -26.2056
Hunter-Lab	60.5244, -12.7365, -5.1417

Details

The CIELCh color `67, 14.924, 220.215` is a light color, and the websafe version is hex `669999`. A complement of this color would be `61, 18.097, 38.796`, and the grayscale version is `65, 0.008, 296.813`.

A 20% lighter version of the original color is `87, 14.940, 221.358`, and `47, 14.838, 219.223` is the 20% darker color. If you saturate the color by 10%, you get `65, 19.416, 220.986`, and if you desaturate by 10%, it is `69, 9.980, 219.666`.

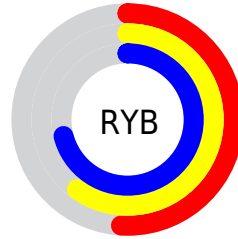
Distribution



Red (51%)

Green (67%)

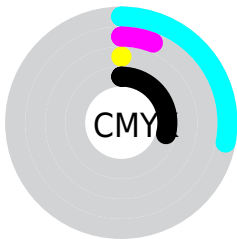
Blue (71%)



Red (51%)

Yellow (60%)

Blue (71%)

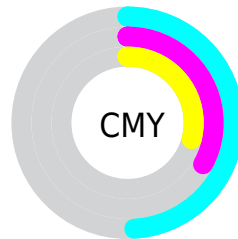


Cyan (28%)

Magenta (6%)

Yellow (0%)

Black (29%)



Cyan (49%)


Magenta (33%)


Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 14.924, 220.215 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, 14.924, 220.215 by changing the saturation by 10% instead.


 67, 14.924,
220.215


 67, 14.924,
220.215


 100, 14.924,
220.215


 57, 14.924,
220.215


 87, 14.924,
220.215

 47, 14.924,
220.215

 97, 14.924,
220.215

 37, 14.924,
220.215

 27, 14.924,
220.215

 17, 14.924,
220.215

 7, 14.924, 220.215

 0, 14.924, 220.215

67, 14.924,
220.215

67, 14.924,
220.215

65, 19.416,
220.986

69, 9.980, 219.666

63, 23.373,
222.046

71, 4.667, 219.338

74, 0.937, 38.446

61, 26.719,
223.455

76, 6.766, 38.767

60, 29.398,
225.290

78, 12.762, 38.743

81, 18.877, 38.760

58, 31.395,
227.631

84, 25.072, 38.819

57, 32.746,
230.553

84, 24.551, 43.564

85, 24.112, 48.594

56, 33.602,
234.035

55, 33.737,

234.618

Harmonies

Complementary

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



67, 14.924, 220.215



61, 18.097, 38.796

Rectangle

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



67, 14.924, 220.215



67, 14.924, 270.215



67, 14.924, 40.215



67, 14.924, 90.215

Sweetspot

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



67, 14.924, 220.210



90, 6.228, 219.354



69, 29.998, 147.876



48, 4.308, 219.388



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, 14.924, 220.210



84, 21.697, 220.663



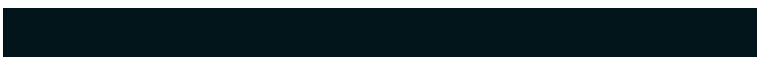
60, 20.244, 276.660



37, 3.137, 219.357



48, 29.915, 234.082



5, 7.515, 228.612

Inverse Universe

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



60, 29.844, 332.175



74, 44.301, 332.594



68, 20.256, 88.865



35, 5.892, 330.931



34, 67.929, 337.745



2, 13.374, 333.375

Previews

White Background



This preview shows how the CIE LCh color 67, 14.924, 220.215 looks on a white background.

Color Contrast Check

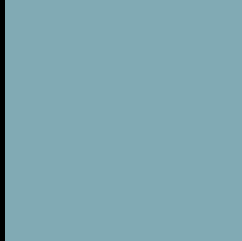
Large Text (above 18pt) WCAG AA × Fail

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, 14.924, 220.215 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, 14.924, 220.215

Background



This preview shows how black text looks on a background with the CIELCh color 67, 14.924, 220.215.

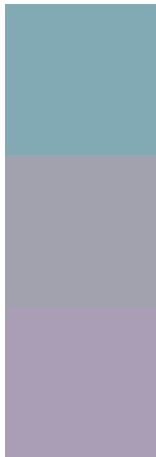


This preview shows how white text looks on a background with the CIELCh color 67, 14.924, 220.215.

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, 14.924, 220.215

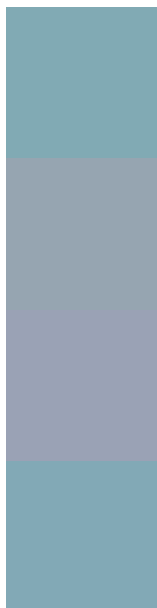
Protanopia
67, 7.190, 290.927

Deuteranopia
67, 13.944, 308.215



Tritanopia
67, 15.127, 229.426

Trichromacy



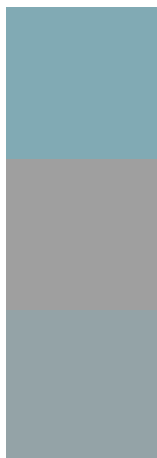
Original Color
67, 14.924, 220.215

Protanomaly
67, 8.435, 251.149

Deuteranomaly
67, 10.830, 275.959

Tritanomaly
67, 14.906, 227.449

Monochromacy



Original Color
67, 14.924, 220.215

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 5.896, 221.174

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 14.924, 220.215 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(129, 170, 180)` looks like.

```
.text, #text, p{  
    color:rgb(129, 170, 180)  
}
```

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(129, 170, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 170, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 14.924, 220.215 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(129, 170, 180) }
```

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

```
.border{ border-color:rgb(129, 170, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 170, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 170, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 170, 180);  
box-shadow:4px 4px 4px 4px rgb(129, 170,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 14.924, 220.215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 170, 180) }
```

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

```
.background{ background-color: rgb(129,  
170, 180) }
```

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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