

Converting Colors

CIELCh(69, 15.997, 222.826)

Have a look what the booklet for
CIELCh(69, 15.997, 222.826)
contains.

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Color

CIELCh(69, 15.887, 220.809)

Conversions

Conversions Part 1

Format	Color
Hex	84B0BB
RGB	132, 176, 187
RGB Percent	52%, 69%, 73%
CMY	0.4838, 0.3113, 0.2682
CMYK	0.29, 0.06, 0.00, 0.27
HSL	192°, 29%, 62%
HSV	192°, 29%, 73%
XYZ	33.8332, 39.3444, 52.6048
YIQ	164.0980, -29.7550, -5.9070

Conversions

Conversions Part 2

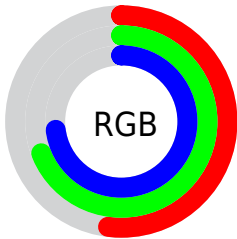
Format	Color
RYB	132, 156, 187
Decimal	8695995
CIELab	69.00, -12.02, -10.38
CIELCh	69, 15.887, 220.809
Yxy	39.3444, 0.2690, 0.3128
Android (android.graphics.Color)	4286886075 (0xFF84B0BB)
YUV	164.0980, 11.2907, -28.1499
Hunter-Lab	62.7251, -13.4882, -5.8164

Details

The CIELCh color **69, 15.887, 220.809** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **63, 19.431, 39.205**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 16.033, 219.552**, and **49, 15.930, 222.142** is the 20% darker color. If you saturate the color by 10%, you get **67, 20.451, 221.642**, and if you desaturate by 10%, it is **71, 10.849, 220.209**.

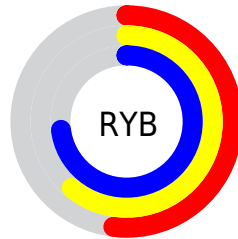
Distribution



Red (52%)

Green (69%)

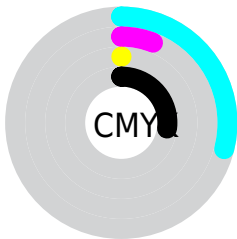
Blue (73%)



Red (52%)

Yellow (61%)

Blue (73%)

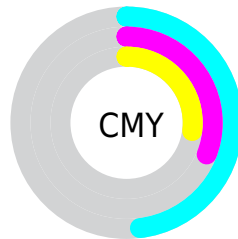


Cyan (29%)

Magenta (6%)

Yellow (0%)

Black (27%)



Cyan (48%)

Magenta (31%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 15.887, 220.809 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 69, 15.887, 220.809 by changing the saturation by 10% instead.

■ 69, 15.887,
220.809

■ 69, 15.887,
220.809

■ 100, 15.887,
220.809

■ 59, 15.887,
220.809

■ 89, 15.887,
220.809

■ 49, 15.887,
220.809

■ 99, 15.887,
220.809

■ 39, 15.887,
220.809

■ 29, 15.887,
220.809

■ 19, 15.887,
220.809

■ 9, 15.887, 220.809

■ 0, 15.887, 220.809

69, 15.887,
220.809

69, 15.887,
220.809

67, 20.451,
221.642

71, 10.849,
220.209

65, 24.456,
222.777

73, 5.423, 219.831

76, 0.311, 37.795

63, 27.825,
224.278

78, 6.282, 39.205

62, 30.506,
226.225

81, 12.430, 39.164

60, 32.491,
228.700

84, 18.706, 39.163

85, 22.324, 41.373

59, 33.826,
231.775

86, 21.801, 47.225

57, 34.702,
235.390

87, 21.521, 53.294

57, 34.748,

235.584

Harmonies

Complementary

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



69, 15.887, 220.809



63, 19.431, 39.205

Rectangle

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



69, 15.887, 220.809



69, 15.887, 270.809



69, 15.887, 40.809



69, 15.887, 90.809

Sweetspot

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



69, 15.887, 220.804



93, 6.379, 219.823



71, 32.118, 147.767



50, 4.452, 219.862



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



69, 15.887, 220.804



86, 22.787, 221.284



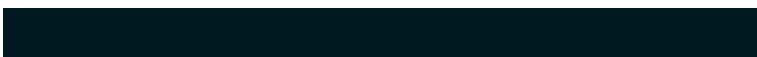
62, 21.704, 276.880



39, 3.277, 219.829



49, 30.702, 235.040



7, 9.499, 228.630

Inverse Universe

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



62, 31.867, 332.398



75, 46.647, 332.814



70, 21.715, 88.709



37, 6.152, 331.073



36, 69.356, 338.010



3, 17.626, 334.205

Previews

White Background



This preview shows how the CIELCh color 69, 15.887, 220.809 looks on a white background.

Color Contrast Check

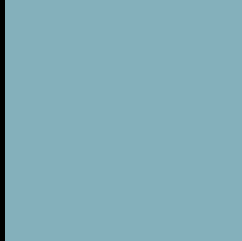
Large Text (above 18pt) WCAG AA × Fail

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 69, 15.887, 220.809 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

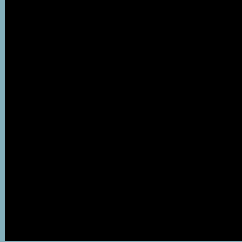
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

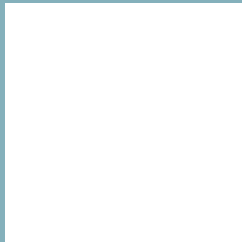
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 15.887, 220.809

Background



This preview shows how black text looks on a background with the CIELCh color 69, 15.887, 220.809.



This preview shows how white text looks on a background with the CIELCh color 69, 15.887, 220.809.

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
69, 16.149, 227.019

Trichromacy



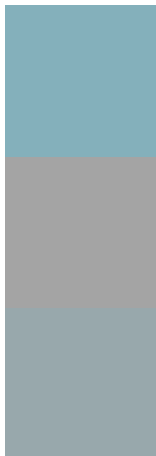
Original Color
69, 15.887, 220.809

Protanomaly
69, 9.021, 251.695

Deuteranomaly
69, 11.373, 275.003

Tritanomaly
69, 15.953, 225.145

Monochromacy



Original Color
69, 15.887, 220.809

Achromatopsia
67, 0.008, 296.813

Achromatomaly
68, 6.200, 219.898

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 15.887, 220.809 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(132, 176, 187)` looks like.

```
.text, #text, p{  
    color:rgb(132, 176, 187)  
}
```

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(132, 176, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 176, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 15.887, 220.809 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(132, 176, 187) }
```

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

```
.border{ border-color:rgb(132, 176, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 176, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 176, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 176, 187);  
box-shadow:4px 4px 4px 4px rgb(132, 176,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 15.887, 220.809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 176, 187) }
```

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

```
.background{ background-color: rgb(132,  
176, 187) }
```

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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