

Converting Colors

CIELCh(68, 22.702, 154.969)

Have a look what the booklet for
CIELCh(68, 22.702, 154.969)
contains.

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Color

CIELCh(68, 22.702, 154.969)

Conversions

Conversions Part 1

Format	Color
Hex	84B094
RGB	132, 176, 148
RGB Percent	52%, 69%, 58%
CMY	0.4833, 0.3107, 0.4205
CMYK	0.25, 0.00, 0.16, 0.31
HSL	142°, 22%, 60%
HSV	142°, 25%, 69%
XYZ	30.2829, 37.9720, 33.6522
YIQ	159.6520, -17.2360, -18.0360

Conversions

Conversions Part 2

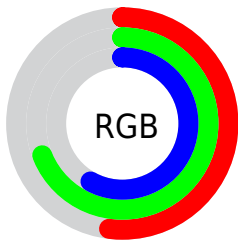
Format	Color
RYB	132, 164, 176
Decimal	8695956
CIELab	68.00, -20.57, 9.61
CIELCh	68, 22.702, 154.969
Yxy	37.9720, 0.2972, 0.3726
Android (android.graphics.Color)	4286886036 (0xFF84B094)
YUV	159.6520, -5.7444, -24.2508
Hunter-Lab	61.6215, -20.1165, 10.7560

Details

The CIELCh color $68, 22.702, 154.969$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $60, 23.035, 338.871$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $88, 22.823, 154.740$, and $48, 22.747, 154.901$ is the 20% darker color. If you saturate the color by 10%, you get $67, 31.630, 153.954$, and if you desaturate by 10%, it is $69, 13.634, 155.864$.

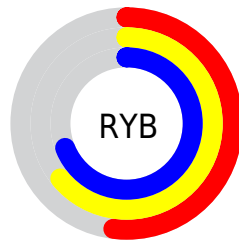
Distribution



Red (52%)

Green (69%)

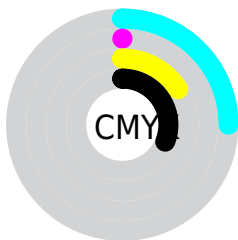
Blue (58%)



Red (52%)

Yellow (64%)

Blue (69%)

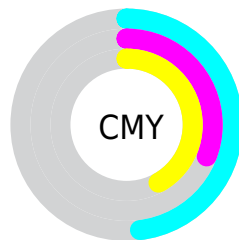


Cyan (25%)

Magenta (0%)

Yellow (16%)

Black (31%)



Cyan (48%)


Magenta (31%)

Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 22.702, 154.969 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 68, 22.702, 154.969 by changing the saturation by 10% instead.


 68, 22.702,
154.969

 68, 22.702,
154.969

 100, 22.702,
154.969

 58, 22.702,
154.969


 88, 22.702,
154.969

 48, 22.702,
154.969

 98, 22.702,
154.969

 38, 22.702,
154.969

 28, 22.702,
154.969

 18, 22.702,
154.969

 8, 22.702, 154.969

 0, 22.702, 154.969

■ 68, 22.702,
154.969

■ 68, 22.702,
154.969

■ 67, 31.630,
153.954

■ 69, 13.634,
155.864

■ 66, 40.269,
152.795

■ 71, 4.543, 156.693

■ 65, 48.461,
151.470

■ 73, 4.472, 337.241

■ 64, 56.047,
149.960

■ 74, 13.337,
337.910

■ 64, 62.887,
148.255

■ 76, 22.003,
338.478

■ 63, 68.880,
146.365

■ 78, 30.434,
338.989


■ 63, 73.985,
144.328

■ 81, 38.612,
339.454

■ 63, 76.288,

■ 81, 42.556,
333.466

143.355

 81, 46.882,
328.564

Harmonies

Complementary

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



68, 22.702, 154.969



60, 23.035, 338.871

Rectangle

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



68, 22.702, 154.969



68, 22.702, 204.969



68, 22.702, 334.969



68, 22.702, 24.969

Sweetspot

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



68, 22.703, 154.968



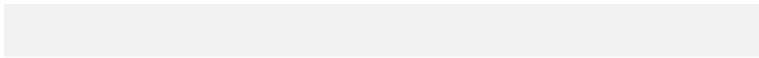
90, 8.992, 156.432



70, 24.626, 122.338



47, 6.389, 156.312



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



68, 22.703, 154.968



86, 33.738, 154.427



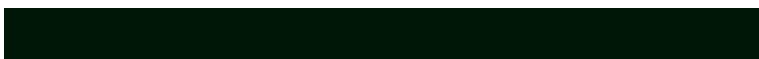
69, 16.154, 185.033



36, 5.069, 156.338



54, 67.598, 143.642



6, 11.234, 154.155

Inverse Universe

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



60, 23.035, 338.871



74, 34.312, 339.345



59, 18.161, 9.667



34, 5.104, 337.609



33, 60.184, 349.374



2, 9.993, 341.494

Previews

White Background



This preview shows how the CIELCh color 68, 22.702, 154.969 looks on a white background.

Color Contrast Check

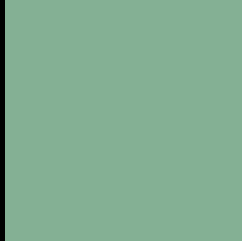
Large Text (above 18pt) WCAG AA × Fail

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 68, 22.702, 154.969 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

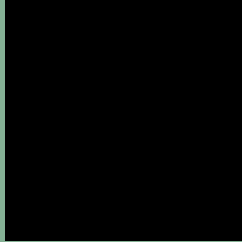
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 22.702, 154.969

Background



This preview shows how black text looks on a background with the CIELCh color 68, 22.702, 154.969.



This preview shows how white text looks on a background with the CIELCh color 68, 22.702, 154.969.

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
68, 22.702, 154.969

Protanopia
68, 13.007, 94.553

Deuteranopia
68, 11.663, 42.266



Tritanopia
68, 12.985, 232.295

Trichromacy



Original Color
68, 22.702, 154.969

Protanomaly
68, 14.383, 126.262

Deuteranomaly
67, 8.242, 106.588

Tritanomaly
68, 13.272, 193.534

Monochromacy



Original Color
68, 22.702, 154.969

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 8.270, 156.808

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 22.702, 154.969 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, 148)` looks like.

```
.text, #text, p{  
    color:rgb(132, 176, 148)  
}
```

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, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 176, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 22.702, 154.969 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, 148) }
```

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

```
.border{ border-color:rgb(132, 176, 148) }
```

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, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 176, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 176, 148);  
box-shadow:4px 4px 4px 4px rgb(132, 176,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 22.702, 154.969 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, 148) }
```

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

```
.background{ background-color: rgb(132,  
176, 148) }
```

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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