

Converting Colors

CIELCh(69, 22.519, 152.880)

Have a look what the booklet for
CIELCh(69, 22.519, 152.880)
contains.

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Color

CIELCh(69, 22.542, 152.869)

Conversions

Conversions Part 1

Format	Color
Hex	88B295
RGB	136, 178, 149
RGB Percent	53%, 70%, 58%
CMY	0.4659, 0.3012, 0.4149
CMYK	0.24, 0.00, 0.16, 0.30
HSL	139°, 21%, 62%
HSV	139°, 24%, 70%
XYZ	31.5829, 39.3444, 34.4421
YIQ	162.1360, -15.7230, -17.9230

Conversions

Conversions Part 2

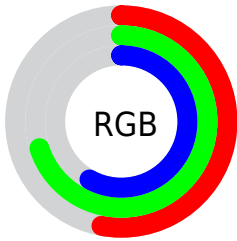
Format	Color
RYB	136, 168, 178
Decimal	8958613
CIELab	69.00, -20.06, 10.28
CIElCh	69, 22.542, 152.869
Yxy	39.3444, 0.2997, 0.3734
Android (android.graphics.Color)	4287148693 (0xFF88B295)
YUV	162.1360, -6.4760, -22.9213
Hunter-Lab	62.7251, -19.8918, 11.3517

Details

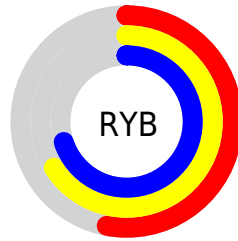
The CIELCh color $69, 22.542, 152.869$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $62, 22.764, 336.332$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $89, 22.673, 152.706$, and $49, 22.589, 152.775$ is the 20% darker color. If you saturate the color by 10%, you get $68, 32.009, 151.900$, and if you desaturate by 10%, it is $70, 12.963, 153.719$.

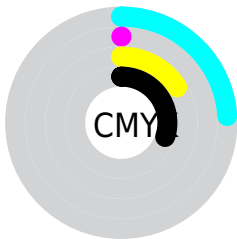
Distribution



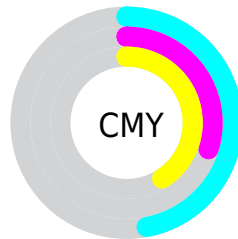
- Red (53%)
- Green (70%)
- Blue (58%)



- Red (53%)
- Yellow (66%)
- Blue (70%)



- Cyan (24%)
- Magenta (0%)
- Yellow (16%)
- Black (30%)



- Cyan (47%)
- Magenta (30%)
- Yellow (41%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 22.542, 152.869 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, 22.542, 152.869 by changing the saturation by 10% instead.

 69, 22.542,
152.869

 69, 22.542,
152.869

 100, 22.542,
152.869

 59, 22.542,
152.869

 89, 22.542,
152.869

 49, 22.542,
152.869

 99, 22.542,
152.869

 39, 22.542,
152.869

 29, 22.542,
152.869

 19, 22.542,
152.869

 9, 22.542, 152.869

 0, 22.542, 152.869

69, 22.542,
152.869

69, 22.542,
152.869

68, 32.009,
151.900

70, 12.963,
153.719

67, 41.208,
150.790

72, 3.392, 154.522

66, 49.969,
149.516

74, 6.070, 335.026

65, 58.113,
148.063

76, 15.353,
335.632

64, 65.473,
146.425

78, 24.406,
336.152

64, 71.914,
144.618

80, 33.200,
336.617

64, 77.353,
142.688

81, 40.362,
334.659

64, 80.396,

82, 45.063,
328.913

141.493

■ 82, 48.078,
326.087

Harmonies

Complementary

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



69, 22.542, 152.869



62, 22.764, 336.332

Rectangle

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



69, 22.542, 152.869



69, 22.542, 202.869



69, 22.542, 332.869



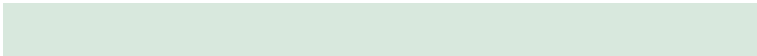
69, 22.542, 22.869

Sweetspot

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



69, 22.543, 152.868



91, 8.258, 154.226



71, 23.258, 120.454



48, 5.411, 154.180



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



69, 22.543, 152.868



87, 33.157, 152.410



70, 15.837, 181.138



37, 5.405, 154.054



55, 71.420, 141.754



7, 13.747, 151.932

Inverse Universe

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



62, 22.764, 336.332



76, 33.526, 336.716



61, 17.416, 5.676



35, 5.434, 335.270



34, 62.844, 345.254



2, 12.110, 339.291

Previews

White Background



This preview shows how the CIELCh color 69, 22.542, 152.869 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 69, 22.542, 152.869 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

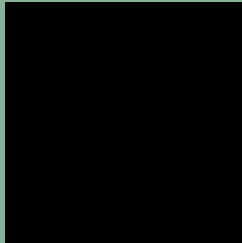
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 22.542, 152.869

Background



This preview shows how black text looks on a background with the CIELCh color 69, 22.542, 152.869.

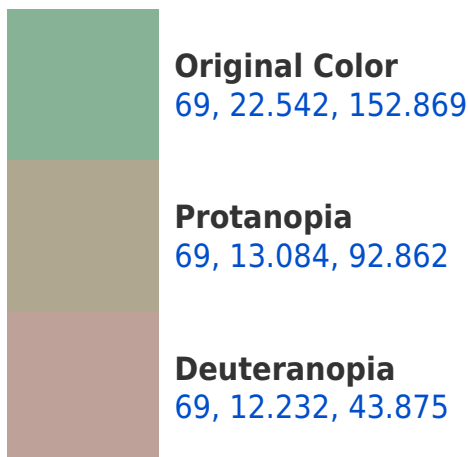


This preview shows how white text looks on a background with the CIELCh color 69, 22.542, 152.869.

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, 12.715, 236.141

Trichromacy



Original Color
69, 22.542, 152.869

Protanomaly
69, 14.123, 123.287

Deuteranomaly
69, 8.784, 104.153

Tritanomaly
69, 12.252, 193.249

Monochromacy



Original Color
69, 22.542, 152.869

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 8.369, 152.409

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 22.542, 152.869 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(136, 178, 149)` looks like.

```
.text, #text, p{  
    color:rgb(136, 178, 149)  
}
```

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(136, 178, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 178, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 22.542, 152.869 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(136, 178, 149) }
```

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

```
.border{ border-color:rgb(136, 178, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 178, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 178, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 178, 149);  
box-shadow:4px 4px 4px 4px rgb(136, 178,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 22.542, 152.869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 178, 149) }
```

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

```
.background{ background-color: rgb(136,  
178, 149) }
```

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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