

Converting Colors

CIELCh(69, 23.177, 149.843)

Have a look what the booklet for
CIELCh(69, 23.177, 149.843)
contains.

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Color

CIELCh(69, 22.872, 149.812)

Conversions

Conversions Part 1

Format	Color
Hex	8AB293
RGB	138, 178, 147
RGB Percent	54%, 70%, 58%
CMY	0.4589, 0.3020, 0.4236
CMYK	0.22, 0.00, 0.17, 0.30
HSL	134°, 21%, 62%
HSV	134°, 22%, 70%
XYZ	31.6628, 39.3444, 33.5244
YIQ	162.5060, -13.8890, -18.1210

Conversions

Conversions Part 2

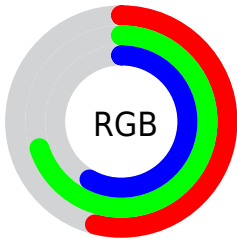
Format	Color
RYB	138, 171, 178
Decimal	9089683
CIELab	69.00, -19.77, 11.50
CIElCh	69, 22.872, 149.812
Yxy	39.3444, 0.3029, 0.3764
Android (android.graphics.Color)	4287279763 (0xFF8AB293)
YUV	162.5060, -7.6445, -21.4918
Hunter-Lab	62.7251, -19.6646, 12.2191

Details

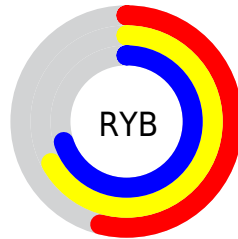
The CIELCh color $69, 22.872, 149.812$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $62, 22.990, 332.854$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $89, 22.983, 149.782$, and $49, 22.959, 149.602$ is the 20% darker color. If you saturate the color by 10%, you get $68, 32.996, 148.900$, and if you desaturate by 10%, it is $70, 12.661, 150.607$.

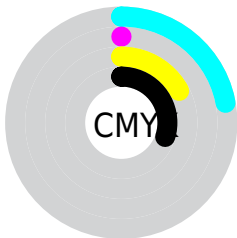
Distribution



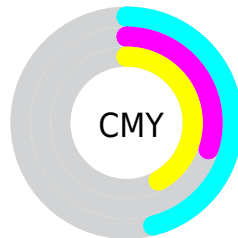
- Red (54%)
- Green (70%)
- Blue (58%)



- Red (54%)
- Yellow (67%)
- Blue (70%)



- Cyan (22%)
- Magenta (0%)
- Yellow (17%)
- Black (30%)




- Cyan (46%)
- Magenta (30%)
- Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 22.872, 149.812 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, 22.872, 149.812 by changing the saturation by 10% instead.

 69, 22.872,
149.812

 69, 22.872,
149.812


 100, 22.872,
149.812


 59, 22.872,
149.812


 89, 22.872,
149.812

 49, 22.872,
149.812

 99, 22.872,
149.812

 39, 22.872,
149.812

 29, 22.872,
149.812

 19, 22.872,
149.812

 9, 22.872, 149.812

 0, 22.872, 149.812

■ 69, 22.872,
149.812

■ 69, 22.872,
149.812

■ 68, 32.996,
148.900

■ 70, 12.661,
150.607

■ 67, 42.863,
147.848

■ 72, 2.490, 151.380

■ 74, 7.537, 331.817

■ 66, 52.282,
146.640

■ 76, 17.351,
332.356

■ 65, 61.042,
145.266

■ 78, 26.904,
332.817

■ 64, 68.933,
143.734

■ 80, 36.167,
333.223

■ 64, 75.759,
142.076

■ 82, 43.579,
330.657

■ 63, 81.360,
140.362

■ 82, 48.206,
326.091

■ 63, 84.788,

Harmonies

Complementary

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



69, 22.872, 149.812



62, 22.990, 332.854

Rectangle

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



69, 22.872, 149.812



69, 22.872, 199.812



69, 22.872, 329.812



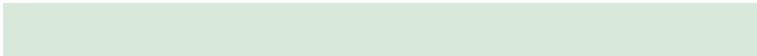
69, 22.872, 19.812

Sweetspot

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



69, 22.874, 149.812



91, 8.785, 151.000



71, 21.890, 117.160



48, 5.757, 150.957



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, 22.874, 149.812



87, 34.083, 149.373



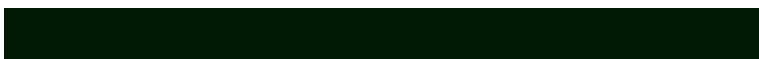
69, 15.886, 175.020



37, 5.751, 150.839



55, 75.447, 139.391



7, 14.406, 149.632

Inverse Universe

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



62, 22.990, 332.854



77, 34.271, 333.197



61, 17.013, 359.428



35, 5.772, 331.972



34, 66.515, 339.511



2, 13.023, 334.842

Previews

White Background



This preview shows how the CIE LCh color 69, 22.872, 149.812 looks on a white background.

Color Contrast Check

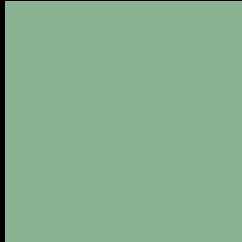
Large Text (above 18pt) WCAG AA × Fail

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, 22.872, 149.812 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

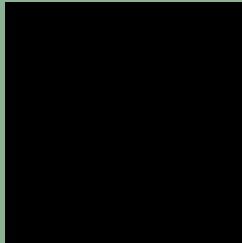
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 22.872, 149.812

Background



This preview shows how black text looks on a background with the CIELCh color 69, 22.872, 149.812.



This preview shows how white text looks on a background with the CIELCh color 69, 22.872, 149.812.

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, 11.902, 235.810

Trichromacy



Original Color
69, 22.872, 149.812

Protanomaly
69, 15.084, 120.767

Deuteranomaly
69, 10.502, 100.447

Tritanomaly
69, 12.023, 190.523

Monochromacy



Original Color
69, 22.872, 149.812

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, 22.872, 149.812 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(138, 178, 147)` looks like.

```
.text, #text, p{  
    color:rgb(138, 178, 147)  
}
```

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(138, 178, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 178, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 22.872, 149.812 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(138, 178, 147) }
```

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

```
.border{ border-color:rgb(138, 178, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 178, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 178, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 178, 147);  
box-shadow:4px 4px 4px 4px rgb(138, 178,  
147) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 22.872, 149.812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 178, 147) }
```

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

```
.background{ background-color: rgb(138,  
178, 147) }
```

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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