

Converting Colors

CIELCh(69, 22.161, 143.275)

Have a look what the booklet for
CIELCh(69, 22.161, 143.275)
contains.

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Color

CIELCh(69, 22.137, 143.282)

Conversions

Conversions Part 1

Format	Color
Hex	90B190
RGB	144, 177, 144
RGB Percent	56%, 69%, 56%
CMY	0.4356, 0.3062, 0.4356
CMYK	0.19, 0.00, 0.19, 0.31
HSL	120°, 17%, 63%
HSV	120°, 19%, 69%
XYZ	32.2211, 39.3444, 32.2494
YIQ	163.3710, -9.0750, -17.2590

Conversions

Conversions Part 2

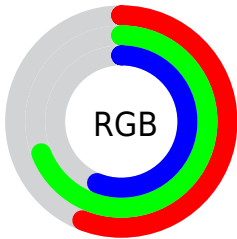
Format	Color
RYB	144, 177, 177
Decimal	9482640
CIELab	69.00, -17.74, 13.24
CIELCh	69, 22.137, 143.282
Yxy	39.3444, 0.3104, 0.3790
Android (android.graphics.Color)	4287672720 (0xFF90B190)
YUV	163.3710, -9.5499, -16.9884
Hunter-Lab	62.7251, -18.0759, 13.4243

Details

The CIELCh color **69, 22.137, 143.282** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **64, 22.156, 325.440**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 22.276, 143.522**, and **49, 21.728, 143.712** is the 20% darker color. If you saturate the color by 10%, you get **68, 34.016, 142.493**, and if you desaturate by 10%, it is **71, 10.218, 143.966**.

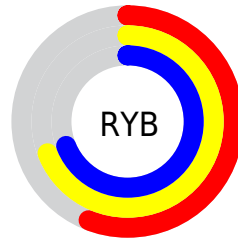
Distribution



Red (56%)

Green (69%)

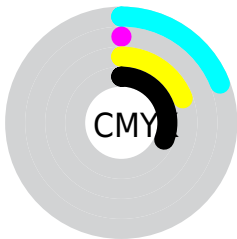
Blue (56%)



Red (56%)

Yellow (69%)

Blue (69%)

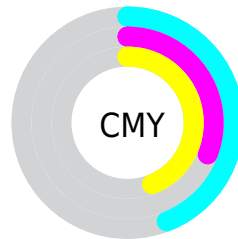


Cyan (19%)

Magenta (0%)

Yellow (19%)

Black (31%)



Cyan (44%)

Magenta (31%)

Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 22.137, 143.282 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, 22.137, 143.282 by changing the saturation by 10% instead.

 69, 22.137,
143.282


 69, 22.137,
143.282

 100, 22.137,
143.282


 59, 22.137,
143.282

 89, 22.137,
143.282

 49, 22.137,
143.282

 99, 22.137,
143.282

 39, 22.137,
143.282

 29, 22.137,
143.282

 19, 22.137,
143.282

 9, 22.137, 143.282

 0, 22.137, 143.282

69, 22.137,
143.282

69, 22.137,
143.282

68, 34.016,
142.493

71, 10.218,
143.966

66, 45.636,
141.586

72, 1.588, 324.365

65, 56.722,
140.564

74, 13.170,
324.978

64, 66.927,
139.460

76, 24.454,
325.395

64, 75.837,
138.339

79, 35.399,
325.744

63, 82.983,
137.318


81, 45.983,
326.040

63, 87.934,
136.539

82, 48.866,
326.113

63, 90.718,

136.073

 63, 91.048,
136.016

Harmonies

Complementary

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



69, 22.137, 143.282



64, 22.156, 325.440

Rectangle

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



69, 22.137, 143.282



69, 22.137, 193.282



69, 22.137, 323.282



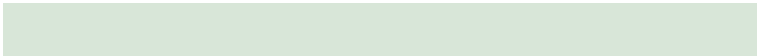
69, 22.137, 13.282

Sweetspot

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



69, 22.139, 143.282



90, 8.737, 144.130



71, 17.846, 108.398



47, 5.793, 144.090



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



69, 22.139, 143.282



87, 32.286, 143.002



69, 15.349, 162.063



37, 6.740, 143.923



55, 81.803, 136.016



6, 16.259, 144.444

Inverse Universe

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



64, 22.156, 325.440



79, 32.304, 325.641



63, 15.708, 345.239



35, 6.750, 324.925



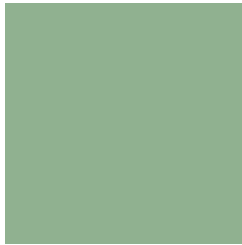
36, 78.926, 328.233



3, 16.261, 324.440

Previews

White Background



This preview shows how the CIELCh color 69, 22.137, 143.282 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, 22.137, 143.282 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

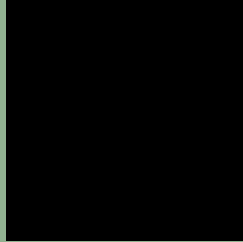
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 22.137, 143.282

Background



This preview shows how black text looks on a background with the CIELCh color 69, 22.137, 143.282.



This preview shows how white text looks on a background with the CIELCh color 69, 22.137, 143.282.

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](#).

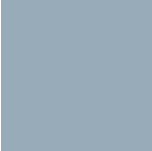
Dichromacy



Original Color
69, 22.137, 143.282

Protanopia
69, 16.246, 95.571

Deuteranopia
69, 14.721, 53.900



Tritanopia
69, 10.286, 247.622

Trichromacy



Original Color
69, 22.137, 143.282

Protanomaly
69, 16.534, 116.817

Deuteranomaly
69, 11.918, 93.452

Tritanomaly
69, 9.310, 188.435

Monochromacy



Original Color
69, 22.137, 143.282

Achromatopsia
67, 0.008, 296.813

Achromatomaly
68, 8.078, 144.065

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 22.137, 143.282 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(144, 177, 144)` looks like.

```
.text, #text, p{  
    color:rgb(144, 177, 144)  
}
```

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(144, 177, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 177, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 22.137, 143.282 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(144, 177, 144) }
```

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

```
.border{ border-color:rgb(144, 177, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 177, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 177, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 177, 144);  
box-shadow:4px 4px 4px 4px rgb(144, 177,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 22.137, 143.282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 177, 144) }
```

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

```
.background{ background-color: rgb(144,  
177, 144) }
```

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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