

Converting Colors

CIELCh(69, 12.729, 143.376)

Have a look what the booklet for
CIELCh(69, 12.729, 143.376)
contains.

CIELCh(69, 12.538, 142.445)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(69, 12.538, 142.445)

Conversions

Conversions Part 1

Format	Color
Hex	9BAD9A
RGB	155, 173, 154
RGB Percent	61%, 68%, 60%
CMY	0.3910, 0.3204, 0.3949
CMYK	0.10, 0.00, 0.11, 0.32
HSL	117°, 10%, 64%
HSV	117°, 11%, 68%
XYZ	34.4339, 39.3444, 36.4810
YIQ	165.4520, -4.6290, -9.7250

Conversions

Conversions Part 2

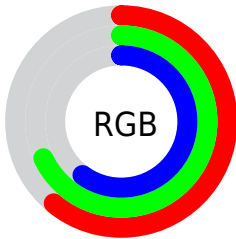
Format	Color
RYB	154, 173, 172
Decimal	10202522
CIELab	69.00, -9.94, 7.64
CIELCh	69, 12.538, 142.445
Yxy	39.3444, 0.3123, 0.3568
Android (android.graphics.Color)	4288392602 (0xFF9BAD9A)
YUV	165.4520, -5.6458, -9.1664
Hunter-Lab	62.7251, -11.7787, 9.4245

Details

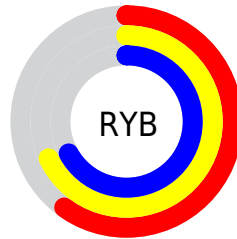
The CIELCh color $69, 12.538, 142.445$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $66, 12.570, 323.565$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $89, 12.329, 141.283$, and $49, 12.689, 142.154$ is the 20% darker color. If you saturate the color by 10%, you get $67, 24.068, 141.794$, and if you desaturate by 10%, it is $71, 1.092, 143.181$.

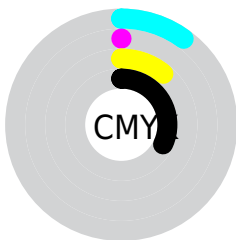
Distribution



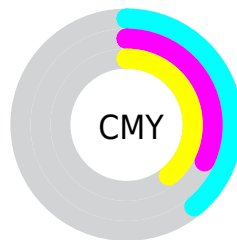
- Red (61%)
- Green (68%)
- Blue (60%)



- Red (60%)
- Yellow (68%)
- Blue (67%)



- Cyan (10%)
- Magenta (0%)
- Yellow (11%)
- Black (32%)



- Cyan (39%)
- Magenta (32%)
- Yellow (39%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 12.538, 142.445 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, 12.538, 142.445 by changing the saturation by 10% instead.

 69, 12.538,
142.445

 69, 12.538,
142.445

 100, 12.538,
142.445

 59, 12.538,
142.445

 89, 12.538,
142.445

 49, 12.538,
142.445

 99, 12.538,
142.445

 39, 12.538,
142.445

 29, 12.538,
142.445

 19, 12.538,
142.445

 9, 12.538, 142.445

 0, 12.538, 142.445

69, 12.538,
142.445

69, 12.538,
142.445

67, 24.068,
141.794

71, 1.092, 143.181

66, 35.525,
141.047

72, 10.169,
323.426

65, 46.710,
140.201

74, 21.172,
323.835

64, 57.357,
139.270

77, 31.871,
324.176

63, 67.130,
138.295

79, 42.243,
324.464

63, 75.618,
137.354


81, 50.893,
325.769

62, 82.357,
136.566

81, 51.084,
326.188

62, 86.929,

136.065

 62, 89.376,
135.780

Harmonies

Complementary

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



69, 12.538, 142.445



66, 12.570, 323.565

Rectangle

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



69, 12.538, 142.445



69, 12.538, 192.445



69, 12.538, 322.445



69, 12.538, 12.445

Sweetspot

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



69, 12.540, 142.446



89, 4.203, 142.935



70, 9.673, 106.260



47, 3.185, 142.880



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



69, 12.540, 142.446



87, 18.361, 142.306



69, 9.328, 159.402



36, 6.468, 142.547



54, 80.492, 135.736



6, 13.665, 143.293

Inverse Universe

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



66, 12.570, 323.565



82, 18.405, 323.682



66, 9.427, 341.041



34, 6.484, 323.477



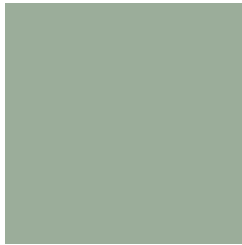
34, 78.176, 326.202



2, 13.522, 322.365

Previews

White Background



This preview shows how the CIELCh color 69, 12.538, 142.445 looks on a white background.

Color Contrast Check

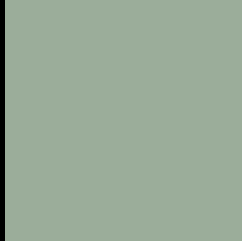
Large Text (above 18pt) WCAG AA × Fail

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, 12.538, 142.445 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

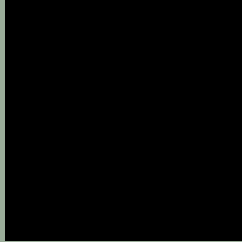
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

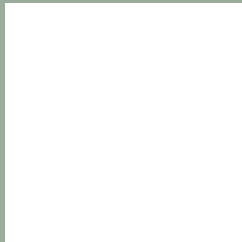
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 12.538, 142.445

Background



This preview shows how black text looks on a background with the CIELCh color 69, 12.538, 142.445.



This preview shows how white text looks on a background with the CIELCh color 69, 12.538, 142.445.

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, 12.538, 142.445

Protanopia
69, 9.687, 92.644

Deuteranopia
69, 11.017, 34.581



Tritanopia
69, 8.276, 267.937

Trichromacy



Original Color
69, 12.538, 142.445

Protanomaly
69, 9.868, 113.715

Deuteranomaly
69, 6.956, 71.357

Tritanomaly
69, 4.884, 212.130

Monochromacy



Original Color
69, 12.538, 142.445

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 4.693, 144.261

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 12.538, 142.445 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(155, 173, 154)` looks like.

```
.text, #text, p{  
    color:rgb(155, 173, 154)  
}
```

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(155, 173, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 173, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 12.538, 142.445 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(155, 173, 154) }
```

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

```
.border{ border-color:rgb(155, 173, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 173, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 173, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 173, 154);  
box-shadow:4px 4px 4px 4px rgb(155, 173,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 12.538, 142.445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 173, 154) }
```

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

```
.background{ background-color: rgb(155,  
173, 154) }
```

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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