

Converting Colors

CIELCh(69, 10.690, 137.125)

Have a look what the booklet for
CIELCh(69, 10.690, 137.125)
contains.

CIELCh(69, 10.600, 137.325)	3
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Color

CIELCh(69, 10.600, 137.325)

Conversions

Conversions Part 1

Format	Color
Hex	9FAC9B
RGB	159, 172, 155
RGB Percent	62%, 67%, 61%
CMY	0.3757, 0.3247, 0.3914
CMYK	0.08, 0.00, 0.10, 0.32
HSL	106°, 9%, 64%
HSV	106°, 10%, 68%
XYZ	35.0597, 39.3444, 36.8423
YIQ	166.1750, -2.2910, -8.0430

Conversions

Conversions Part 2

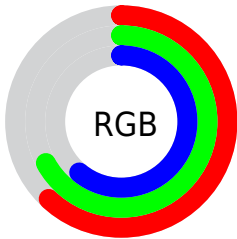
Format	Color
RYB	155, 172, 168
Decimal	10464411
CIELab	69.00, -7.79, 7.19
CIELCh	69, 10.600, 137.325
Yxy	39.3444, 0.3152, 0.3537
Android (android.graphics.Color)	4288654491 (0xFF9FAC9B)
YUV	166.1750, -5.5093, -6.2925
Hunter-Lab	62.7251, -9.9977, 9.0829

Details

The CIELCh color $69, 10.600, 137.325$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $66, 10.672, 318.149$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $89, 10.514, 136.110$, and $49, 10.621, 136.732$ is the 20% darker color. If you saturate the color by 10%, you get $68, 21.414, 136.817$, and if you desaturate by 10%, it is $70, 0.141, 316.488$.

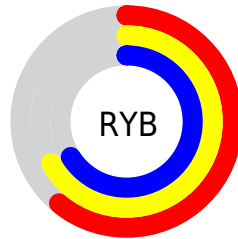
Distribution



Red (62%)

Green (67%)

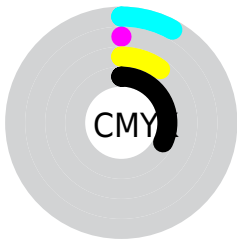
Blue (61%)



Red (61%)

Yellow (67%)

Blue (66%)

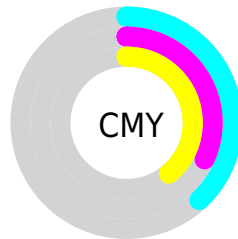


Cyan (8%)

Magenta (0%)

Yellow (10%)

Black (32%)



Cyan (38%)


Magenta (32%)


Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 10.600, 137.325 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, 10.600, 137.325 by changing the saturation by 10% instead.


 69, 10.600,
137.325


 69, 10.600,
137.325


 100, 10.600,
137.325


 59, 10.600,
137.325


 89, 10.600,
137.325

 49, 10.600,
137.325

 99, 10.600,
137.325

 39, 10.600,
137.325

 29, 10.600,
137.325

 19, 10.600,
137.325

 9, 10.600, 137.325

 0, 10.600, 137.325

■ 69, 10.600,
137.325

■ 69, 10.600,
137.325

■ 68, 21.414,
136.817

■ 70, 0.141, 316.488

■ 66, 32.190,
136.258

■ 72, 10.740,
318.121

■ 65, 42.787,
135.654

■ 74, 21.144,
318.462

■ 64, 53.007,
135.031

■ 75, 31.320,
318.752

■ 64, 62.580,
134.438

■ 77, 41.247,
318.999

■ 63, 71.153,
133.954

■ 79, 49.308,
320.174


■ 62, 78.286,
133.694

■ 80, 51.189,
324.946

■ 62, 83.546,

■ 81, 51.760,
326.211

133.780

 62, 87.003,
134.138

Harmonies

Complementary

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



69, 10.600, 137.325



66, 10.672, 318.149

Rectangle

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



69, 10.600, 137.325



69, 10.600, 187.325



69, 10.600, 317.325



69, 10.600, 7.325

Sweetspot

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



69, 10.602, 137.327



89, 3.973, 137.672



69, 7.162, 96.063



47, 3.011, 137.627



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, 10.602, 137.327



87, 15.996, 137.212



69, 9.567, 151.711



36, 6.110, 137.354



54, 78.689, 134.022



6, 13.053, 139.055

Inverse Universe

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



66, 10.672, 318.149



82, 16.116, 318.253



66, 9.605, 332.942



34, 6.149, 318.123



29, 79.831, 319.614



2, 12.606, 315.244

Previews

White Background



This preview shows how the CIELCh color 69, 10.600, 137.325 looks on a white background.

Color Contrast Check

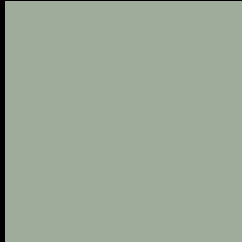
Large Text (above 18pt) WCAG AA × Fail

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, 10.600, 137.325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

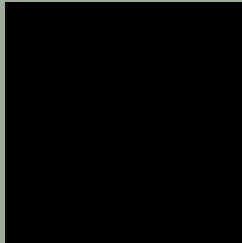
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

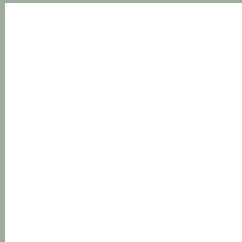
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 10.600, 137.325

Background



This preview shows how black text looks on a background with the CIELCh color 69, 10.600, 137.325.



This preview shows how white text looks on a background with the CIELCh color 69, 10.600, 137.325.

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](#).

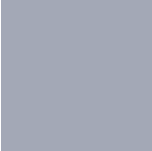
Dichromacy



Original Color
69, 10.600, 137.325

Protanopia
69, 8.640, 90.760

Deuteranopia
69, 11.017, 34.581



Tritanopia
69, 7.869, 277.662

Trichromacy



Original Color
69, 10.600, 137.325

Protanomaly
69, 8.750, 111.834

Deuteranomaly
69, 7.208, 68.888

Tritanomaly
69, 3.145, 219.779

Monochromacy



Original Color
69, 10.600, 137.325

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 3.638, 134.567

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 10.600, 137.325 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(159, 172, 155)` looks like.

```
.text, #text, p{  
    color:rgb(159, 172, 155)  
}
```

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(159, 172, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 172, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 10.600, 137.325 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(159, 172, 155) }
```

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

```
.border{ border-color:rgb(159, 172, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 172, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 172, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 172, 155);  
box-shadow:4px 4px 4px 4px rgb(159, 172,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 10.600, 137.325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 172, 155) }
```

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

```
.background{ background-color: rgb(159,  
172, 155) }
```

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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