

Converting Colors

CIELCh(69, 6.734, 137.043)

Have a look what the booklet for
CIELCh(69, 6.734, 137.043) contains.

CIELCh(69, 6.777, 136.344)	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, 6.777, 136.344)

Conversions

Conversions Part 1

Format	Color
Hex	A3ABA0
RGB	163, 171, 160
RGB Percent	64%, 67%, 63%
CMY	0.3616, 0.3302, 0.3733
CMYK	0.05, 0.00, 0.06, 0.33
HSL	104°, 6%, 65%
HSV	104°, 6%, 67%
XYZ	35.9143, 39.3444, 38.8663
YIQ	167.3540, -1.2370, -5.1170

Conversions

Conversions Part 2

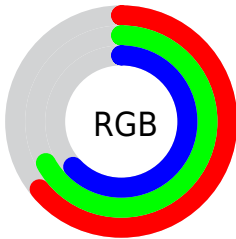
Format	Color
RYB	160, 171, 168
Decimal	10726304
CIELab	69.00, -4.90, 4.68
CIELCh	69, 6.777, 136.344
Yxy	39.3444, 0.3147, 0.3447
Android (android.graphics.Color)	4288916384 (0xFFA3ABA0)
YUV	167.3540, -3.6255, -3.8185
Hunter-Lab	62.7251, -7.5658, 7.1698

Details

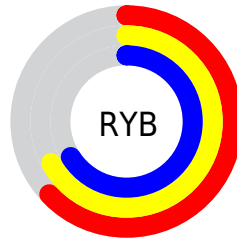
The CIELCh color $69, 6.777, 136.344$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $67, 6.821, 316.835$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 6.426, 136.416$, and $49, 6.732, 138.466$ is the 20% darker color. If you saturate the color by 10%, you get $68, 17.383, 135.867$, and if you desaturate by 10%, it is $70, 3.737, 316.689$.

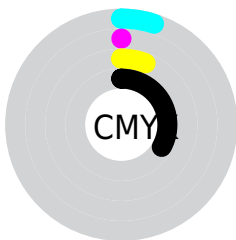
Distribution



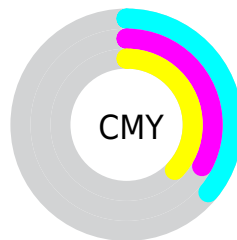
- Red (64%)
- Green (67%)
- Blue (63%)



- Red (63%)
- Yellow (67%)
- Blue (66%)



- Cyan (5%)
- Magenta (0%)
- Yellow (6%)
- Black (33%)



- Cyan (36%)
- Magenta (33%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 6.777, 136.344 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, 6.777, 136.344 by changing the saturation by 10% instead.

■ 69, 6.777, 136.344

■ 69, 6.777, 136.344

■ 100, 6.777,
136.344

■ 59, 6.777, 136.344

■ 89, 6.777, 136.344

■ 49, 6.777, 136.344

■ 99, 6.777, 136.344

■ 39, 6.777, 136.344

■ 29, 6.777, 136.344

■ 19, 6.777, 136.344

■ 9, 6.777, 136.344

■ 0, 6.777, 136.344

■ 69, 6.777, 136.344

■ 69, 6.777, 136.344

■ 68, 17.383,

■ 70, 3.737, 316.689

135.867

72, 14.103,
317.083

66, 27.989,
135.347

74, 24.276,
317.401

65, 38.473,
134.788

75, 34.229,
317.673

64, 48.670,
134.209

77, 43.946,
317.906

64, 58.347,
133.653

79, 50.068,
319.982

63, 67.191,
133.188

80, 51.804,
324.431

62, 74.801,
132.919

80, 52.617,
326.239

62, 80.731,
132.970

61, 84.707,
133.411

Harmonies

Complementary

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



69, 6.777, 136.344



67, 6.821, 316.835

Rectangle

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



69, 6.777, 136.344



69, 6.777, 186.344



69, 6.777, 316.344



69, 6.777, 6.344

Sweetspot

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



69, 6.779, 136.347



88, 2.591, 136.589



69, 4.468, 94.118



47, 1.485, 136.598



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, 6.779, 136.347



87, 10.428, 136.266



69, 6.335, 150.753



35, 5.895, 136.213



54, 77.120, 133.414



5, 10.859, 137.766

Inverse Universe

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



67, 6.821, 316.835



84, 10.499, 316.911



67, 6.357, 331.471



33, 5.938, 316.961



28, 79.320, 318.397



1, 10.536, 314.294

Previews

White Background



This preview shows how the CIELCh color 69, 6.777, 136.344 looks on a white background.

Color Contrast Check

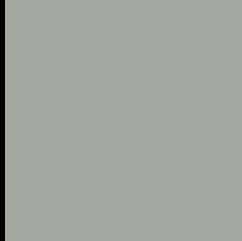
Large Text (above 18pt) WCAG AA × Fail

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, 6.777, 136.344 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

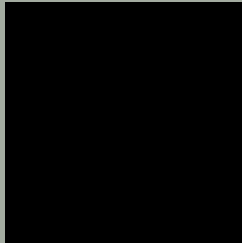
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

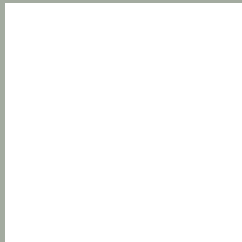
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 6.777, 136.344

Background



This preview shows how black text looks on a background with the CIELCh color 69, 6.777, 136.344.



This preview shows how white text looks on a background with the CIELCh color 69, 6.777, 136.344.

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, 6.777, 136.344

Protanopia

69, 5.931, 86.467

Deuteranopia

69, 9.441, 26.807



Tritanopia
69, 7.167, 285.068

Trichromacy



Original Color
69, 6.777, 136.344

Protanomaly
69, 5.476, 105.570

Deuteranomaly
69, 5.385, 50.155

Tritanomaly
69, 2.634, 256.111

Monochromacy



Original Color
69, 6.777, 136.344

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 2.478, 137.265

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 6.777, 136.344 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(163, 171, 160)` looks like.

```
.text, #text, p{  
    color:rgb(163, 171, 160)  
}
```

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(163, 171, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 171, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 6.777, 136.344 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(163, 171, 160) }
```

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

```
.border{ border-color:rgb(163, 171, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 171, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 171, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 171, 160);  
box-shadow:4px 4px 4px 4px rgb(163, 171,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 6.777, 136.344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 171, 160) }
```

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

```
.background{ background-color: rgb(163,  
171, 160) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor