

Converting Colors

CIELCh(69, 8.448, 186.545)

Have a look what the booklet for
CIELCh(69, 8.448, 186.545) contains.

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Color

CIELCh(69, 8.269, 187.239)

Conversions

Conversions Part 1

Format	Color
Hex	97ADAA
RGB	151, 173, 170
RGB Percent	59%, 68%, 67%
CMY	0.4080, 0.3217, 0.3335
CMYK	0.13, 0.00, 0.02, 0.32
HSL	172°, 12%, 64%
HSV	172°, 13%, 68%
XYZ	34.9397, 39.3444, 43.7596
YIQ	166.0800, -12.1490, -5.5970

Conversions

Conversions Part 2

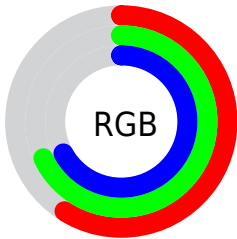
Format	Color
RYB	151, 163, 173
Decimal	9940394
CIELab	69.00, -8.20, -1.04
CIELCh	69, 8.269, 187.239
Yxy	39.3444, 0.2960, 0.3333
Android (android.graphics.Color)	4288130474 (0xFF97ADAA)
YUV	166.0800, 1.9326, -13.2252
Hunter-Lab	62.7251, -10.3394, 2.5444

Details

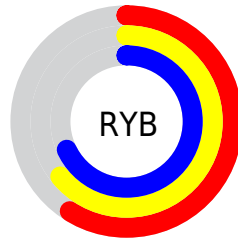
The CIELCh color $69, 8.269, 187.239$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $64, 8.774, 9.299$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $89, 8.229, 187.936$, and $49, 8.380, 186.351$ is the 20% darker color. If you saturate the color by 10%, you get $68, 14.464, 186.364$, and if you desaturate by 10%, it is $70, 1.795, 188.255$.

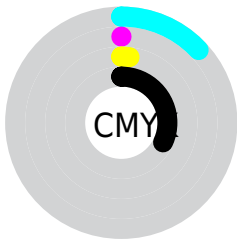
Distribution



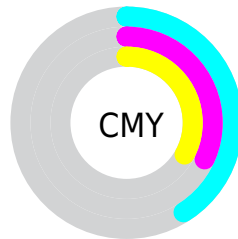
- Red (59%)
- Green (68%)
- Blue (67%)



- Red (59%)
- Yellow (64%)
- Blue (68%)



- Cyan (13%)
- Magenta (0%)
- Yellow (2%)
- Black (32%)



- Cyan (41%)
- Magenta (32%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 8.269, 187.239 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, 8.269, 187.239 by changing the saturation by 10% instead.

■ 69, 8.269, 187.239

■ 69, 8.269, 187.239

■ 100, 8.269,
187.239

■ 59, 8.269, 187.239

■ 89, 8.269, 187.239

■ 49, 8.269, 187.239

■ 99, 8.269, 187.239

■ 39, 8.269, 187.239

■ 29, 8.269, 187.239

■ 19, 8.269, 187.239

■ 9, 8.269, 187.239

■ 0, 8.269, 187.239

■ 69, 8.269, 187.239

■ 69, 8.269, 187.239

■ 68, 14.464,

■ 70, 1.795, 188.255

186.364

72, 4.869, 8.692

67, 20.274,
185.482

73, 11.646, 9.528

66, 25.593,
184.566

75, 18.470, 10.306

65, 30.314,
183.600

77, 25.293, 11.058

65, 34.348,
182.570

79, 32.268, 9.637

64, 37.632,
181.455

79, 32.406, 7.455

79, 32.594, 5.297

64, 40.143,
180.236

63, 41.915,
178.894

63, 42.901,
177.872

Harmonies

Complementary

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



69, 8.269, 187.239



64, 8.774, 9.299

Rectangle

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



69, 8.269, 187.239



69, 8.269, 237.239



69, 8.269, 7.239



69, 8.269, 57.239

Sweetspot

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



69, 8.270, 187.231



89, 3.257, 188.059



69, 14.088, 139.674



47, 2.310, 187.972



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, 8.270, 187.231



87, 11.994, 187.010



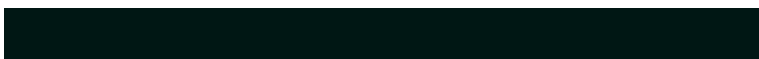
67, 6.641, 239.063



36, 3.710, 187.533



56, 38.647, 178.050



6, 8.125, 183.923

Inverse Universe

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



64, 8.774, 9.299



80, 12.884, 9.567



66, 7.057, 56.644



34, 3.873, 8.948



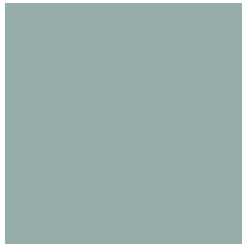
31, 64.798, 32.939



2, 7.920, 10.230

Previews

White Background



This preview shows how the CIELCh color 69, 8.269, 187.239 looks on a white background.

Color Contrast Check

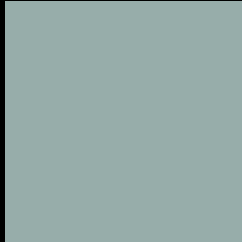
Large Text (above 18pt) WCAG AA × Fail

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, 8.269, 187.239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

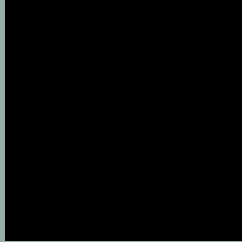
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

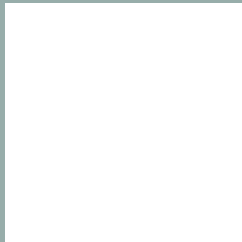
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 8.269, 187.239

Background



This preview shows how black text looks on a background with the CIELCh color 69, 8.269, 187.239.

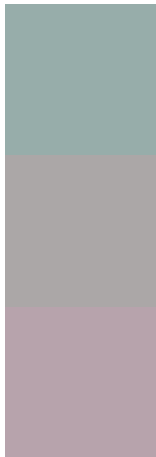


This preview shows how white text looks on a background with the CIELCh color 69, 8.269, 187.239.

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, 8.269, 187.239

Protanopia

69, 1.519, 19.221

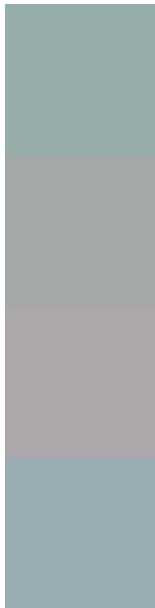
Deuteranopia

69, 9.084, 347.346



Tritanopia
69, 9.227, 249.971

Trichromacy



Original Color
69, 8.269, 187.239

Protanomaly
69, 1.960, 183.223

Deuteranomaly
69, 2.684, 324.483

Tritanomaly
69, 7.753, 228.768

Monochromacy



Original Color
69, 8.269, 187.239

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 3.206, 179.232

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 8.269, 187.239 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(151, 173, 170)` looks like.

```
.text, #text, p{  
    color:rgb(151, 173, 170)  
}
```

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(151, 173, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 173, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 8.269, 187.239 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(151, 173, 170) }
```

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

```
.border{ border-color:rgb(151, 173, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 173, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 173, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 173, 170);  
box-shadow:4px 4px 4px 4px rgb(151, 173,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 8.269, 187.239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 173, 170) }
```

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

```
.background{ background-color: rgb(151,  
173, 170) }
```

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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