

Converting Colors

CIELCh(69, 8.225, 161.575)

Have a look what the booklet for
CIELCh(69, 8.225, 161.575) contains.

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Color

CIELCh(69, 8.126, 161.348)

Conversions

Conversions Part 1

Format	Color
Hex	9BACA3
RGB	155, 172, 163
RGB Percent	61%, 67%, 64%
CMY	0.3905, 0.3237, 0.3591
CMYK	0.10, 0.00, 0.05, 0.32
HSL	148°, 9%, 64%
HSV	148°, 10%, 68%
XYZ	35.0873, 39.3444, 40.6005
YIQ	165.8910, -7.2430, -6.4030

Conversions

Conversions Part 2

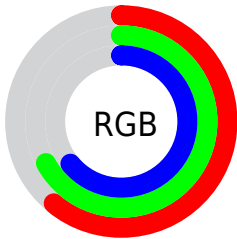
Format	Color
RYB	155, 167, 172
Decimal	10202275
CIELab	69.00, -7.70, 2.60
CIELCh	69, 8.126, 161.348
Yxy	39.3444, 0.3050, 0.3420
Android (android.graphics.Color)	4288392355 (0xFF9BACA3)
YUV	165.8910, -1.4253, -9.5514
Hunter-Lab	62.7251, -9.9192, 5.5306

Details

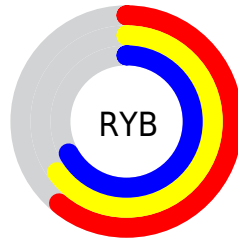
The CIELCh color $69, 8.126, 161.348$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $66, 8.221, 342.843$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $89, 7.995, 163.046$, and $49, 8.373, 159.434$ is the 20% darker color. If you saturate the color by 10%, you get $68, 16.364, 160.429$, and if you desaturate by 10%, it is $71, 0.118, 339.108$.

Distribution



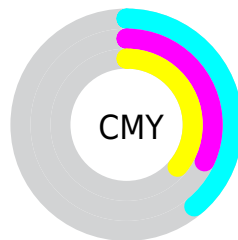
- Red (61%)
- Green (67%)
- Blue (64%)



- Red (61%)
- Yellow (65%)
- Blue (67%)



- Cyan (10%)
- Magenta (0%)
- Yellow (5%)
- Black (32%)



- Cyan (39%)
- Magenta (32%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 8.126, 161.348 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, 8.126, 161.348 by changing the saturation by 10% instead.

■ 69, 8.126, 161.348

■ 69, 8.126, 161.348

■ 100, 8.126,
161.348

■ 59, 8.126, 161.348

■ 89, 8.126, 161.348

■ 49, 8.126, 161.348

■ 99, 8.126, 161.348

■ 39, 8.126, 161.348

■ 29, 8.126, 161.348

■ 19, 8.126, 161.348

■ 9, 8.126, 161.348

■ 0, 8.126, 161.348

■ 69, 8.126, 161.348

■ 69, 8.126, 161.348

■ 68, 16.364,

■ 71, 0.118, 339.108

160.429

72, 8.293, 342.790

66, 24.489,
159.422

74, 16.336,
343.477

65, 32.381,
158.291

76, 24.204,
344.097

64, 39.906,
157.011

78, 31.871,
344.669

64, 46.927,
155.558

80, 38.239,
343.720

63, 53.318,
153.912

80, 41.094,
338.231

62, 58.990,
152.060

80, 44.307,
333.564

62, 63.904,
150.009

80, 47.799,
329.619

62, 68.189,
147.863

Harmonies

Complementary

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



69, 8.126, 161.348



66, 8.221, 342.843

Rectangle

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



69, 8.126, 161.348



69, 8.126, 211.348



69, 8.126, 341.348



69, 8.126, 31.348

Sweetspot

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



69, 8.128, 161.344



89, 3.052, 161.998



69, 9.801, 127.463



47, 2.313, 161.906



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, 8.128, 161.344



87, 12.254, 161.135



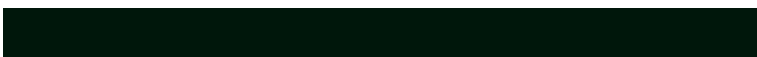
69, 6.264, 196.097



36, 4.685, 161.394



54, 61.375, 148.108



6, 10.541, 157.912

Inverse Universe

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



66, 8.221, 342.843



82, 12.422, 343.050



66, 6.636, 17.256



34, 4.737, 342.794



32, 57.630, 358.534



2, 9.298, 347.214

Previews

White Background



This preview shows how the CIELCh color 69, 8.126, 161.348 looks on a white background.

Color Contrast Check

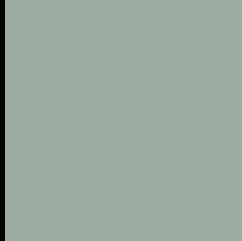
Large Text (above 18pt) WCAG AA × Fail

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, 8.126, 161.348 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

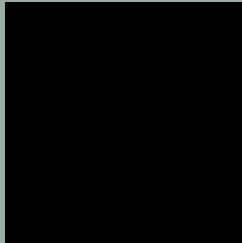
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

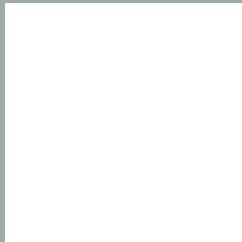
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 8.126, 161.348

Background



This preview shows how black text looks on a background with the CIELCh color 69, 8.126, 161.348.

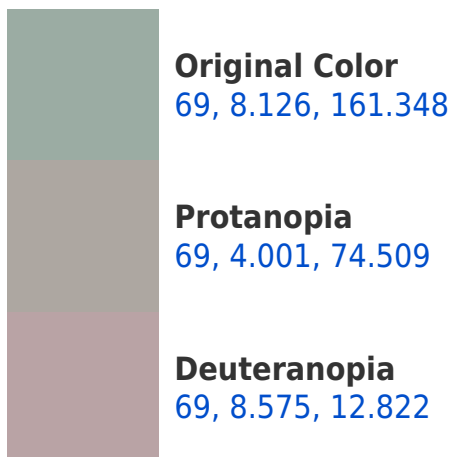


This preview shows how white text looks on a background with the CIELCh color 69, 8.126, 161.348.

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





Tritanopia
69, 8.075, 261.609

Trichromacy



Original Color
69, 8.126, 161.348

Protanomaly
69, 3.911, 121.038

Deuteranomaly
69, 3.247, 39.213

Tritanomaly
69, 5.431, 229.562

Monochromacy



Original Color
69, 8.126, 161.348

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 2.813, 163.491

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 8.126, 161.348 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, 172, 163)` looks like.

```
.text, #text, p{  
    color:rgb(155, 172, 163)  
}
```

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, 172, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 172, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 8.126, 161.348 is called "border". The border property can be set on classes, ids or directly on the HTML element.

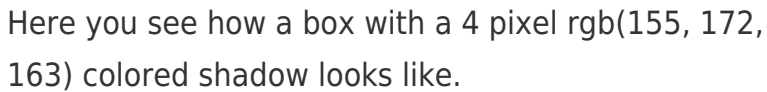
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 172, 163) }
```

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

```
.border{ border-color:rgb(155, 172, 163) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 172, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 172, 163); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 172, 163); box-shadow:4px 4px 4px 4px rgb(155, 172, 163) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 8.126, 161.348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 172, 163) }
```

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

```
.background{ background-color: rgb(155,  
172, 163) }
```

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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