

Converting Colors

CIELCh(67, 8.372, 56.029)

Have a look what the booklet for
CIELCh(67, 8.372, 56.029) contains.

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Color

CIELCh(67, 8.361, 56.035)

Conversions

Conversions Part 1

Format	Color
Hex	B1A097
RGB	177, 160, 151
RGB Percent	69%, 63%, 59%
CMY	0.3066, 0.3732, 0.4085
CMYK	0.00, 0.10, 0.15, 0.31
HSL	21°, 14%, 64%
HSV	21°, 15%, 69%
XYZ	36.1993, 36.6320, 34.3641
YIQ	164.0570, 13.0210, 0.8050

Conversions

Conversions Part 2

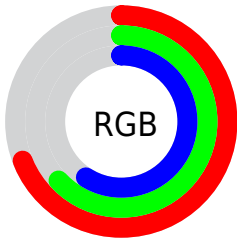
Format	Color
RYB	177, 165, 151
Decimal	11640983
CIELab	67.00, 4.67, 6.93
CIELCh	67, 8.361, 56.035
Yxy	36.6320, 0.3377, 0.3417
Android (android.graphics.Color)	4289831063 (0xFFB1A097)
YUV	164.0570, -6.4371, 11.3510
Hunter-Lab	60.5244, 0.8423, 8.7038

Details

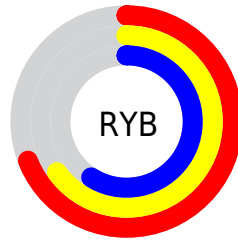
The CIELCh color $67, 8.361, 56.035$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $68, 7.778, 238.801$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 8.485, 57.533$, and $47, 8.366, 59.090$ is the 20% darker color. If you saturate the color by 10%, you get $64, 14.553, 55.301$, and if you desaturate by 10%, it is $70, 2.581, 56.746$.

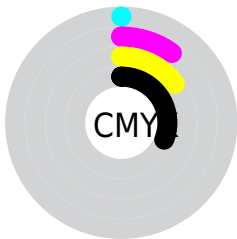
Distribution



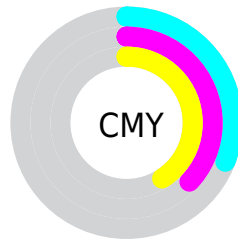
- Red (69%)
- Green (63%)
- Blue (59%)



- Red (69%)
- Yellow (65%)
- Blue (59%)



- Cyan (0%)
- Magenta (10%)
- Yellow (15%)
- Black (31%)



- Cyan (31%)
- Magenta (37%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 8.361, 56.035 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 67, 8.361, 56.035 by changing the saturation by 10% instead.

 67, 8.361, 56.035  67, 8.361, 56.035

 100, 8.361, 56.035  57, 8.361, 56.035

 87, 8.361, 56.035  47, 8.361, 56.035

 97, 8.361, 56.035  37, 8.361, 56.035

 27, 8.361, 56.035

 17, 8.361, 56.035

 7, 8.361, 56.035

 0, 8.361, 56.035

 67, 8.361, 56.035  67, 8.361, 56.035

 64, 14.553, 55.301  70, 2.581, 56.746

60, 21.193, 54.596

74, 2.826, 237.909

57, 28.302, 53.959

78, 7.902, 238.660

54, 35.872, 53.402

81, 12.686,
239.490

51, 43.833, 52.910

85, 17.214,
240.324

48, 51.991, 52.422

46, 59.896, 51.762

88, 20.950,
238.871

43, 66.654, 50.549

91, 21.339,
218.631

42, 69.965, 49.961

94, 24.005,
201.296

95, 24.882,
197.883

Harmonies

Complementary

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



67, 8.361, 56.035



68, 7.778, 238.801

Rectangle

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



67, 8.361, 56.035



67, 8.361, 106.035



67, 8.361, 236.035



67, 8.361, 286.035

Sweetspot

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



67, 8.361, 56.050



89, 2.709, 56.772



65, 13.816, 336.684



47, 1.928, 56.741



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



67, 8.361, 56.050



83, 12.816, 55.777



70, 11.902, 100.714



36, 3.186, 56.451



37, 62.632, 50.385



4, 7.551, 47.533

Inverse Universe

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



68, 7.778, 238.801



85, 11.691, 239.218



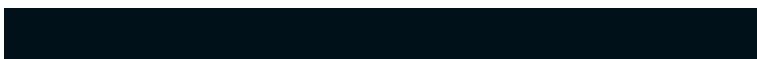
64, 12.138, 284.105



36, 3.050, 238.253



40, 35.902, 263.412



4, 7.785, 250.359

Previews

White Background



This preview shows how the CIELCh color 67, 8.361, 56.035 looks on a white background.

Color Contrast Check

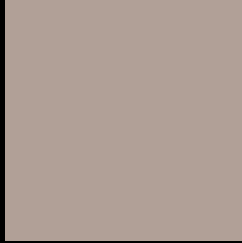
Large Text (above 18pt) WCAG AA × Fail

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 67, 8.361, 56.035 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

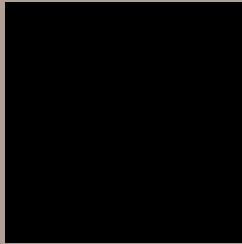
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 8.361, 56.035

Background



This preview shows how black text looks on a background with the CIELCh color 67, 8.361, 56.035.



This preview shows how white text looks on a background with the CIELCh color 67, 8.361, 56.035.

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


67, 8.361, 56.035

Protanopia

67, 6.137, 83.037

Deuteranopia

67, 10.880, 37.835



Tritanopia
67, 10.703, 342.230

Trichromacy



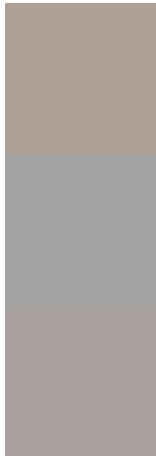
Original Color
67, 8.361, 56.035

Protanomaly
67, 6.567, 68.457

Deuteranomaly
67, 9.933, 42.838

Tritanomaly
67, 8.044, 4.246

Monochromacy



Original Color
67, 8.361, 56.035

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 3.151, 51.035

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 8.361, 56.035 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(177, 160, 151)` looks like.

```
.text, #text, p{  
    color:rgb(177, 160, 151)  
}
```

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(177, 160, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 160, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 8.361, 56.035 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(177, 160, 151) }
```

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

```
.border{ border-color:rgb(177, 160, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 160, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 160, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 160, 151);  
box-shadow:4px 4px 4px 4px rgb(177, 160,  
151) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 8.361, 56.035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 160, 151) }
```

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

```
.background{ background-color: rgb(177,  
160, 151) }
```

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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