

Converting Colors

CIELCh(67, 6.260, 76.384)

Have a look what the booklet for
CIELCh(67, 6.260, 76.384) contains.

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Color

CIELCh(67, 6.527, 76.807)

Conversions

Conversions Part 1

Format	Color
Hex	ABA298
RGB	171, 162, 152
RGB Percent	67%, 64%, 60%
CMY	0.3305, 0.3657, 0.4050
CMYK	0.00, 0.05, 0.11, 0.33
HSL	32°, 10%, 63%
HSV	32°, 11%, 67%
XYZ	35.2543, 36.6320, 34.8049
YIQ	163.5510, 8.5740, -1.2020

Conversions

Conversions Part 2

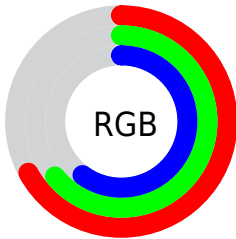
Format	Color
RYB	169, 171, 152
Decimal	11248280
CIELab	67.00, 1.49, 6.35
CIElCh	67, 6.527, 76.807
Yxy	36.6320, 0.3304, 0.3433
Android (android.graphics.Color)	4289438360 (0xFFABA298)
YUV	163.5510, -5.6946, 6.5328
Hunter-Lab	60.5244, -1.9446, 8.2720

Details

The CIELCh color $67, 6.527, 76.807$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $66, 6.387, 259.748$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 6.612, 79.465$, and $47, 6.542, 73.619$ is the 20% darker color. If you saturate the color by 10%, you get $64, 12.660, 75.592$, and if you desaturate by 10%, it is $70, 0.641, 77.618$.

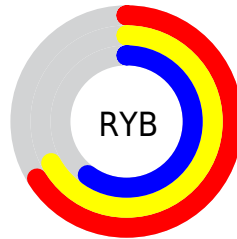
Distribution



Red (67%)

Green (64%)

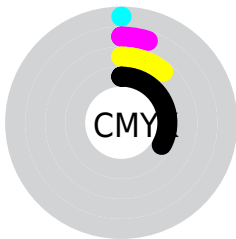
Blue (60%)



Red (66%)

Yellow (67%)

Blue (60%)

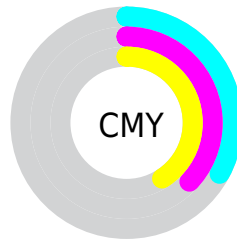


Cyan (0%)

Magenta (5%)

Yellow (11%)

Black (33%)



Cyan (33%)

Magenta (37%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 6.527, 76.807 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, 6.527, 76.807 by changing the saturation by 10% instead.

■ 67, 6.527, 76.807

■ 67, 6.527, 76.807

■ 100, 6.527, 76.807

■ 57, 6.527, 76.807

■ 87, 6.527, 76.807

■ 47, 6.527, 76.807

■ 97, 6.527, 76.807

■ 37, 6.527, 76.807

■ 27, 6.527, 76.807

■ 17, 6.527, 76.807

■ 7, 6.527, 76.807

■ 0, 6.527, 76.807

■ 67, 6.527, 76.807

■ 67, 6.527, 76.807

■ 64, 12.660, 75.592

■ 70, 0.641, 77.618

62, 19.051, 74.322

72, 5.021, 259.354

60, 25.702, 73.029

75, 10.479,
260.476

57, 32.581, 71.713

78, 15.755,
261.578

55, 39.605, 70.357

53, 46.582, 68.911

80, 20.869,
262.639

51, 53.128, 67.264

83, 25.839,
263.655

49, 58.577, 65.195

47, 62.415, 63.054

85, 23.851,
253.184

87, 22.499,
240.501

89, 22.303,
227.082

Harmonies

Complementary

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



67, 6.527, 76.807



66, 6.387, 259.748

Rectangle

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



67, 6.527, 76.807



67, 6.527, 126.807



67, 6.527, 256.807



67, 6.527, 306.807

Sweetspot

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



67, 6.528, 76.825



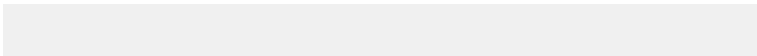
87, 2.138, 77.690



65, 8.930, 345.454



47, 1.637, 77.629



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



67, 6.528, 76.825



84, 9.482, 76.570



69, 10.362, 109.806



34, 3.269, 77.044



41, 56.061, 63.524



3, 5.592, 70.234

Inverse Universe

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



66, 6.387, 259.748



82, 9.231, 260.050



63, 10.627, 291.948



34, 3.213, 259.495



31, 49.811, 285.733



2, 6.233, 264.732

Previews

White Background



This preview shows how the CIELCh color 67, 6.527, 76.807 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, 6.527, 76.807 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

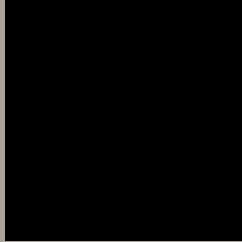
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

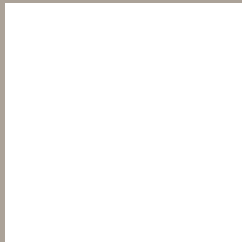
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 6.527, 76.807

Background



This preview shows how black text looks on a background with the CIELCh color 67, 6.527, 76.807.

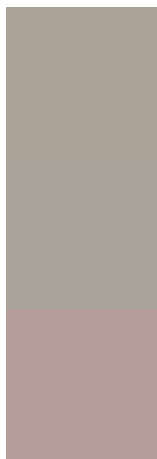


This preview shows how white text looks on a background with the CIELCh color 67, 6.527, 76.807.

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, 6.527, 76.807

Protanopia

67, 6.137, 83.037

Deuteranopia

67, 10.543, 32.267



Tritanopia
67, 8.515, 329.053

Trichromacy



Original Color
67, 6.527, 76.807

Protanomaly
67, 6.322, 79.828

Deuteranomaly
67, 8.565, 42.594

Tritanomaly
67, 5.111, 354.248

Monochromacy



Original Color
67, 6.527, 76.807

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 2.471, 82.110

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 6.527, 76.807 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(171, 162, 152)` looks like.

```
.text, #text, p{  
    color:rgb(171, 162, 152)  
}
```

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(171, 162, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 162, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 6.527, 76.807 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(171, 162, 152) }
```

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

```
.border{ border-color:rgb(171, 162, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 162, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 162, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 162, 152);  
box-shadow:4px 4px 4px 4px rgb(171, 162,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 6.527, 76.807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 162, 152) }
```

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

```
.background{ background-color: rgb(171,  
162, 152) }
```

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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