

Converting Colors

CIELCh(67, 16.722, 91.868)

Have a look what the booklet for
CIELCh(67, 16.722, 91.868) contains.

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Color

CIELCh(67, 16.683, 91.342)

Conversions

Conversions Part 1

Format	Color
Hex	AEA285
RGB	174, 162, 133
RGB Percent	68%, 64%, 52%
CMY	0.3168, 0.3639, 0.4777
CMYK	0.00, 0.07, 0.24, 0.32
HSL	42°, 20%, 60%
HSV	42°, 24%, 68%
XYZ	34.7036, 36.6320, 27.5023
YIQ	162.2820, 16.4610, -6.4750

Conversions

Conversions Part 2

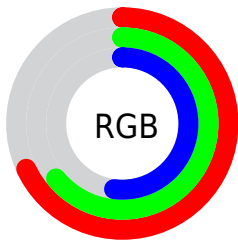
Format	Color
RYB	150, 174, 133
Decimal	11444869
CIELab	67.00, -0.39, 16.68
CIElCh	67, 16.683, 91.342
Yxy	36.6320, 0.3511, 0.3706
Android (android.graphics.Color)	4289634949 (0xFFAEA285)
YUV	162.2820, -14.4360, 10.2767
Hunter-Lab	60.5244, -3.5687, 15.4256

Details

The CIELCh color $67, 16.683, 91.342$ is a light color, and the websafe version is hex 999966 . A complement of this color would be $60, 16.779, 277.562$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 16.895, 91.648$, and $47, 16.650, 90.707$ is the 20% darker color. If you saturate the color by 10%, you get $65, 23.936, 90.061$, and if you desaturate by 10%, it is $69, 9.519, 92.594$.

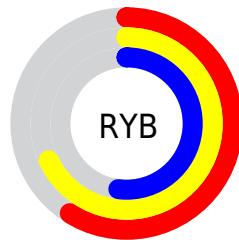
Distribution



Red (68%)

Green (64%)

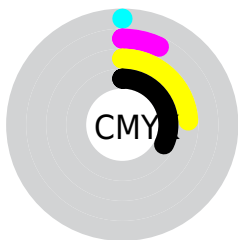
Blue (52%)



Red (59%)

Yellow (68%)

Blue (52%)

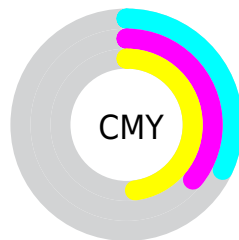


Cyan (0%)

Magenta (7%)

Yellow (24%)

Black (32%)



Cyan (32%)

Magenta (36%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 16.683, 91.342 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, 16.683, 91.342 by changing the saturation by 10% instead.

■ 67, 16.683, 91.342

■ 67, 16.683, 91.342

■ 100, 16.683,
91.342

■ 57, 16.683, 91.342

■ 87, 16.683, 91.342

■ 47, 16.683, 91.342

■ 97, 16.683, 91.342

■ 37, 16.683, 91.342

■ 27, 16.683, 91.342

■ 17, 16.683, 91.342

■ 7, 16.683, 91.342

■ 0, 16.683, 91.342

■ 67, 16.683, 91.342

■ 67, 16.683, 91.342

■ 65, 23.936, 90.061

■ 69, 9.519, 92.594

64, 31.222, 88.736

71, 2.462, 93.747

62, 38.445, 87.373

72, 4.477, 275.034

60, 45.417, 85.961

74, 11.299,
276.126

59, 51.818, 84.467

76, 18.009,
277.187

58, 57.135, 82.827

56, 60.715, 80.919

78, 24.612,
278.200

55, 62.346, 79.589

80, 31.046,
279.121

81, 28.711,
274.342

83, 26.603,
268.814

Harmonies

Complementary

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



67, 16.683, 91.342



60, 16.779, 277.562

Rectangle

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



67, 16.683, 91.342



67, 16.683, 141.342



67, 16.683, 271.342



67, 16.683, 321.342

Sweetspot

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



67, 16.684, 91.349



89, 6.065, 93.357



60, 17.663, 358.378



47, 3.975, 93.291



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, 16.684, 91.349



84, 24.696, 90.716



70, 22.474, 116.405



36, 3.949, 93.103



48, 56.004, 79.905



5, 7.582, 87.042

Inverse Universe

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



60, 16.779, 277.562



74, 24.873, 278.420



58, 23.635, 299.828



34, 3.965, 275.440



24, 69.049, 298.163



2, 8.813, 277.981

Previews

White Background



This preview shows how the CIELCh color 67, 16.683, 91.342 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, 16.683, 91.342 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

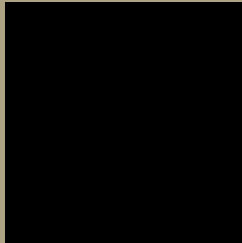
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

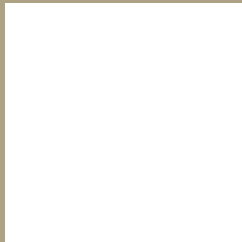
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 16.683, 91.342

Background



This preview shows how black text looks on a background with the CIELCh color 67, 16.683, 91.342.



This preview shows how white text looks on a background with the CIELCh color 67, 16.683, 91.342.

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, 16.683, 91.342

Protanopia

67, 16.968, 94.478

Deuteranopia

67, 18.478, 63.004



Tritanopia
67, 10.703, 342.230

Trichromacy



Original Color
67, 16.683, 91.342

Protanomaly
67, 16.968, 94.478

Deuteranomaly
67, 17.287, 72.076

Tritanomaly
67, 7.235, 33.111

Monochromacy



Original Color
67, 16.683, 91.342

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 5.713, 93.718

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 16.683, 91.342 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(174, 162, 133)` looks like.

```
.text, #text, p{  
    color:rgb(174, 162, 133)  
}
```

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(174, 162, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 162, 133) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 16.683, 91.342 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(174, 162, 133) }
```

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

```
.border{ border-color:rgb(174, 162, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 162, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 162, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 162, 133);  
box-shadow:4px 4px 4px 4px rgb(174, 162,  
133) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 16.683, 91.342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 162, 133) }
```

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

```
.background{ background-color: rgb(174,  
162, 133) }
```

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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