

Converting Colors

CIELCh(68, 19.366, 76.868)

Have a look what the booklet for
CIELCh(68, 19.366, 76.868) contains.

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Color

CIELCh(68, 19.316, 77.455)

Conversions

Conversions Part 1

Format	Color
Hex	BAA284
RGB	186, 162, 132
RGB Percent	73%, 64%, 52%
CMY	0.2704, 0.3645, 0.4821
CMYK	0.00, 0.13, 0.29, 0.27
HSL	33°, 28%, 62%
HSV	33°, 29%, 73%
XYZ	37.3605, 37.9720, 27.2082
YIQ	165.7560, 23.9340, -4.2420

Conversions

Conversions Part 2

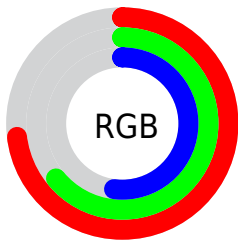
Format	Color
RYB	175, 186, 132
Decimal	12231300
CIELab	68.00, 4.20, 18.85
CIElCh	68, 19.316, 77.455
Yxy	37.9720, 0.3643, 0.3703
Android (android.graphics.Color)	4290421380 (0xFFBAA284)
YUV	165.7560, -16.6417, 17.7540
Hunter-Lab	61.6215, 0.3854, 16.9562

Details

The CIELCh color **68, 19.316, 77.455** is a light color, and the websafe version is hex **999966**. A complement of this color would be **64, 18.333, 265.737**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 19.506, 77.704**, and **48, 19.373, 76.848** is the 20% darker color. If you saturate the color by 10%, you get **66, 26.453, 76.129**, and if you desaturate by 10%, it is **71, 12.426, 78.764**.

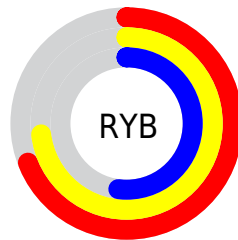
Distribution



Red (73%)

Green (64%)

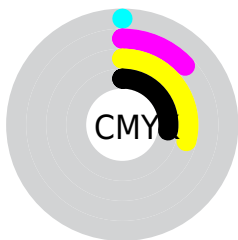
Blue (52%)



Red (69%)

Yellow (73%)

Blue (52%)

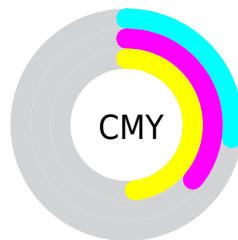


Cyan (0%)

Magenta (13%)

Yellow (29%)

Black (27%)



Cyan (27%)

Magenta (36%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 19.316, 77.455 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 68, 19.316, 77.455 by changing the saturation by 10% instead.

■ 68, 19.316, 77.455

■ 68, 19.316, 77.455

■ 100, 19.316,
77.455

■ 58, 19.316, 77.455

■ 88, 19.316, 77.455

■ 48, 19.316, 77.455

■ 98, 19.316, 77.455

■ 38, 19.316, 77.455

■ 28, 19.316, 77.455

■ 18, 19.316, 77.455

■ 8, 19.316, 77.455

■ 0, 19.316, 77.455

■ 68, 19.316, 77.455

■ 68, 19.316, 77.455

■ 66, 26.453, 76.129

■ 71, 12.426, 78.764

63, 33.802, 74.765

73, 5.783, 80.015

61, 41.275, 73.356

76, 0.622, 261.806

58, 48.674, 71.861

78, 6.809, 262.562

56, 55.611, 70.184

81, 12.798,
263.700

54, 61.414, 68.136

84, 18.609,
264.804

52, 65.568, 65.576

86, 21.005,
260.557

52, 65.980, 65.343

89, 19.097,
246.113

91, 18.561,
229.910

Harmonies

Complementary

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



68, 19.316, 77.455



64, 18.333, 265.737

Rectangle

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



68, 19.316, 77.455



68, 19.316, 127.455



68, 19.316, 257.455



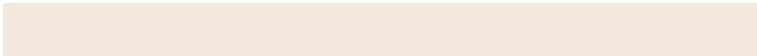
68, 19.316, 307.455

Sweetspot

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



68, 19.316, 77.462



93, 7.148, 80.000



61, 24.909, 349.243



49, 5.022, 79.822



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



68, 19.316, 77.462



84, 29.215, 76.592



74, 28.805, 109.588



38, 3.594, 79.979



44, 57.707, 65.881



5, 8.942, 67.513

Inverse Universe

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



64, 18.333, 265.737



78, 27.370, 267.089



57, 30.869, 295.334



37, 3.546, 262.475



31, 54.894, 288.458



3, 10.749, 271.462

Previews

White Background



This preview shows how the CIELCh color 68, 19.316, 77.455 looks on a white background.

Color Contrast Check

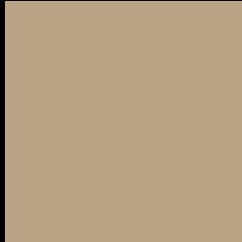
Large Text (above 18pt) WCAG AA × Fail

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 68, 19.316, 77.455 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

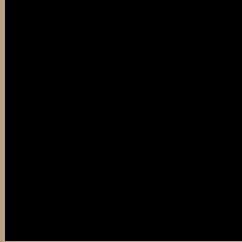
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 19.316, 77.455

Background



This preview shows how black text looks on a background with the CIELCh color 68, 19.316, 77.455.



This preview shows how white text looks on a background with the CIELCh color 68, 19.316, 77.455.

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


68, 19.316, 77.455

Protanopia

68, 17.973, 95.197

Deuteranopia

68, 20.270, 64.458



Tritanopia
68, 14.280, 353.357

Trichromacy



Original Color
68, 19.316, 77.455

Protanomaly
68, 18.589, 88.961

Deuteranomaly
68, 19.500, 68.944

Tritanomaly
68, 11.988, 28.269

Monochromacy



Original Color
68, 19.316, 77.455

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 6.786, 82.046

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 19.316, 77.455 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(186, 162, 132)` looks like.

```
.text, #text, p{  
    color:rgb(186, 162, 132)  
}
```

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(186, 162, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 162, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 19.316, 77.455 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(186, 162, 132) }
```

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

```
.border{ border-color:rgb(186, 162, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 162, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 162, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 162, 132);  
box-shadow:4px 4px 4px 4px rgb(186, 162,  
132) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 19.316, 77.455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 162, 132) }
```

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

```
.background{ background-color: rgb(186,  
162, 132) }
```

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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