

Converting Colors

CIELCh(68, 31.865, 69.338)

Have a look what the booklet for
CIELCh(68, 31.865, 69.338) contains.

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Color

CIELCh(68, 32.155, 69.277)

Conversions

Conversions Part 1

Format	Color
Hex	CB9D70
RGB	203, 157, 112
RGB Percent	80%, 62%, 44%
CMY	0.2040, 0.3844, 0.5608
CMYK	0.00, 0.23, 0.45, 0.20
HSL	30°, 47%, 62%
HSV	30°, 45%, 80%
XYZ	39.6018, 37.9720, 20.5666
YIQ	165.6240, 41.8610, -4.2430

Conversions

Conversions Part 2

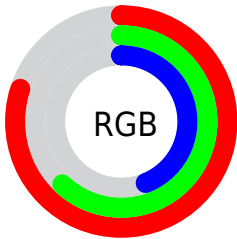
Format	Color
RYB	203, 201, 112
Decimal	13344112
CIELab	68.00, 11.38, 30.07
CIElCh	68, 32.155, 69.277
Yxy	37.9720, 0.4035, 0.3869
Android (android.graphics.Color)	4291534192 (0xFFFCB9D70)
YUV	165.6240, -26.4366, 32.7788
Hunter-Lab	61.6215, 6.8778, 23.3466

Details

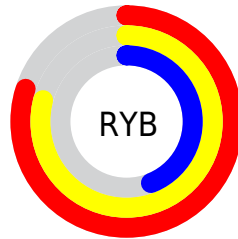
The CIELCh color **68, 32.155, 69.277** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **64, 28.134, 262.875**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 30.629, 73.714**, and **48, 32.403, 69.586** is the 20% darker color. If you saturate the color by 10%, you get **65, 40.209, 68.016**, and if you desaturate by 10%, it is **71, 24.395, 70.533**.

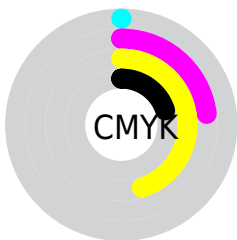
Distribution



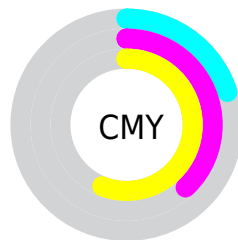
- Red (80%)
- Green (62%)
- Blue (44%)



- Red (80%)
- Yellow (79%)
- Blue (44%)



- Cyan (0%)
- Magenta (23%)
- Yellow (45%)
- Black (20%)




- Cyan (20%)
- Magenta (38%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 32.155, 69.277 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, 32.155, 69.277 by changing the saturation by 10% instead.

 68, 32.155, 69.277

 68, 32.155, 69.277

 100, 32.155,
69.277

 58, 32.155, 69.277

 88, 32.155, 69.277

 48, 32.155, 69.277

 98, 32.155, 69.277


 38, 32.155, 69.277

 28, 32.155, 69.277

 18, 32.155, 69.277

 8, 32.155, 69.277

 0, 32.155, 69.277

 68, 32.155, 69.277

 68, 32.155, 69.277

 65, 40.209, 68.016

 71, 24.395, 70.533

62, 48.426, 66.705

74, 16.975, 71.773

60, 56.512, 65.272

77, 9.897, 72.993

57, 63.883, 63.547

80, 3.145, 74.130

55, 69.592, 61.213

83, 3.308, 255.556

54, 72.040, 59.885

87, 9.493, 256.643

90, 15.438,
257.751

92, 14.260,
234.233

95, 15.494,
209.405

Harmonies

Complementary

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



68, 32.155, 69.277



64, 28.134, 262.875

Rectangle

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



68, 32.155, 69.277



68, 32.155, 119.277



68, 32.155, 249.277



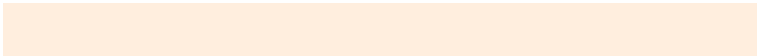
68, 32.155, 299.277

Sweetspot

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



68, 32.155, 69.282



95, 10.399, 73.192



59, 42.766, 347.266



50, 7.316, 72.924



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



68, 32.155, 69.282



80, 47.645, 68.030



80, 46.271, 105.163



41, 3.752, 73.635



44, 61.780, 60.479



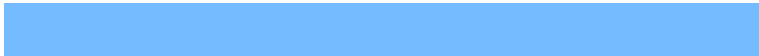
8, 14.352, 57.150

Inverse Universe

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



64, 28.134, 262.875



74, 40.400, 265.650



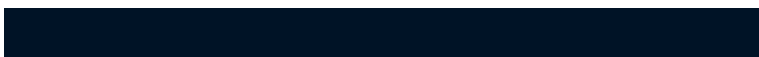
51, 51.963, 295.826



41, 3.668, 256.101



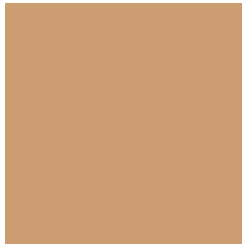
36, 51.334, 283.130



6, 15.045, 270.692

Previews

White Background



This preview shows how the CIELCh color 68, 32.155, 69.277 looks on a white background.

Color Contrast Check

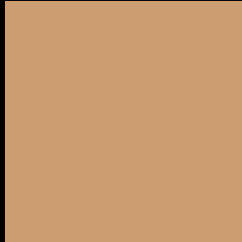
Large Text (above 18pt) WCAG AA × Fail

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, 32.155, 69.277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

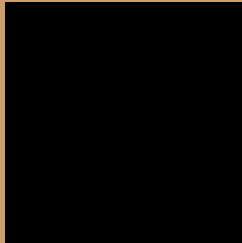
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 32.155, 69.277

Background



This preview shows how black text looks on a background with the CIELCh color 68, 32.155, 69.277.



This preview shows how white text looks on a background with the CIELCh color 68, 32.155, 69.277.

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, 32.155, 69.277

Protanopia

68, 27.772, 95.907

Deuteranopia

68, 31.336, 73.976



Tritanopia
68, 23.137, 6.748

Trichromacy



Original Color
68, 32.155, 69.277

Protanomaly
68, 28.413, 85.347

Deuteranomaly
68, 31.443, 72.216

Tritanomaly
68, 22.382, 33.911

Monochromacy



Original Color
68, 32.155, 69.277

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 11.337, 74.748

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 32.155, 69.277 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(203, 157, 112)` looks like.

```
.text, #text, p{  
    color:rgb(203, 157, 112)  
}
```

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(203, 157, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 157, 112) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 32.155, 69.277 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(203, 157, 112) }
```

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

```
.border{ border-color:rgb(203, 157, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 157, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 157, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 157, 112);  
box-shadow:4px 4px 4px 4px rgb(203, 157,  
112) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 32.155, 69.277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 157, 112) }
```

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

```
.background{ background-color: rgb(203,  
157, 112) }
```

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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