

Converting Colors

CIELCh(69, 35.070, 81.914)

Have a look what the booklet for
CIELCh(69, 35.070, 81.914) contains.

CIELCh(69, 35.518, 82.219)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(69, 35.518, 82.219)

Conversions

Conversions Part 1

Format	Color
Hex	C6A469
RGB	198, 164, 105
RGB Percent	78%, 64%, 41%
CMY	0.2254, 0.3586, 0.5899
CMYK	0.00, 0.17, 0.47, 0.23
HSL	38°, 45%, 59%
HSV	38°, 47%, 77%
XYZ	38.8875, 39.3444, 18.7960
YIQ	167.4400, 39.2030, -11.1410

Conversions

Conversions Part 2

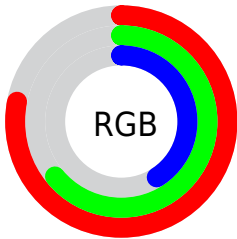
Format	Color
RYB	159, 198, 105
Decimal	13018217
CIELab	69.00, 4.81, 35.19
CIELCh	69, 35.518, 82.219
Yxy	39.3444, 0.4008, 0.4055
Android (android.graphics.Color)	4291208297 (0xFFC6A469)
YUV	167.4400, -30.7829, 26.8011
Hunter-Lab	62.7251, 0.8952, 26.1409

Details

The CIELCh color **69, 35.518, 82.219** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **57, 34.568, 276.969**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 35.368, 83.184**, and **49, 35.492, 81.909** is the 20% darker color. If you saturate the color by 10%, you get **67, 43.341, 80.774**, and if you desaturate by 10%, it is **71, 27.695, 83.622**.

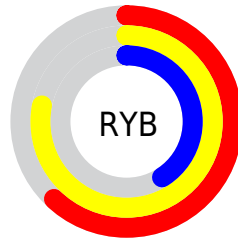
Distribution



Red (78%)

Green (64%)

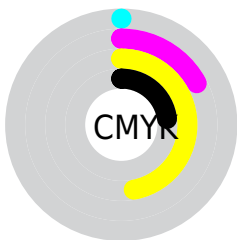
Blue (41%)



Red (62%)

Yellow (78%)

Blue (41%)

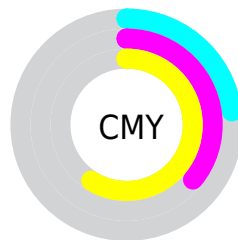


Cyan (0%)

Magenta (17%)

Yellow (47%)

Black (23%)



Cyan (23%)

Magenta (36%)

Yellow (59%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 35.518, 82.219 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 69, 35.518, 82.219 by changing the saturation by 10% instead.

 69, 35.518, 82.219

 69, 35.518, 82.219

 100, 35.518,
82.219

 59, 35.518, 82.219

 89, 35.518, 82.219

 49, 35.518, 82.219

 99, 35.518, 82.219

 39, 35.518, 82.219

 29, 35.518, 82.219

 19, 35.518, 82.219

 9, 35.518, 82.219

 0, 35.518, 82.219

 69, 35.518, 82.219

 69, 35.518, 82.219

 67, 43.341, 80.774

 71, 27.695, 83.622

65, 50.939, 79.245

73, 19.985, 84.980

63, 57.899, 77.570

76, 12.439, 86.295

61, 63.553, 75.616

78, 5.075, 87.546

59, 67.170, 73.192

80, 2.105, 268.958

59, 68.092, 72.462

83, 9.111, 270.051

85, 15.955,
271.176

88, 19.021,
267.566

89, 16.832,
254.286

Harmonies

Complementary

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



69, 35.518, 82.219



57, 34.568, 276.969

Rectangle

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



69, 35.518, 82.219



69, 35.518, 132.219



69, 35.518, 262.219



69, 35.518, 312.219

Sweetspot

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



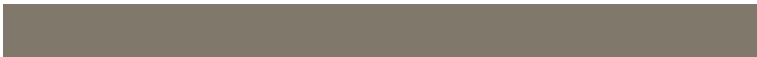
69, 35.518, 82.224



96, 12.517, 86.659



56, 40.868, 357.283



51, 8.666, 86.379



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



69, 35.518, 82.224



85, 52.338, 80.804



77, 48.349, 111.871



41, 4.117, 87.264



49, 59.087, 72.937



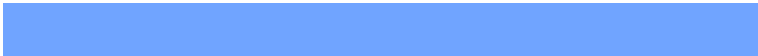
9, 13.620, 74.776

Inverse Universe

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



57, 34.568, 276.969



68, 50.952, 279.647



49, 54.582, 300.459



39, 4.102, 269.747



29, 65.803, 294.337



4, 16.171, 279.382

Previews

White Background



This preview shows how the CIELCh color 69, 35.518, 82.219 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 69, 35.518, 82.219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

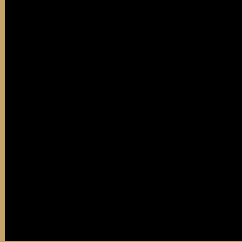
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 35.518, 82.219

Background



This preview shows how black text looks on a background with the CIELCh color 69, 35.518, 82.219.

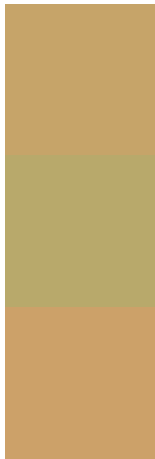


This preview shows how white text looks on a background with the CIELCh color 69, 35.518, 82.219.

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

69, 35.518, 82.219

Protanopia

69, 34.097, 95.833

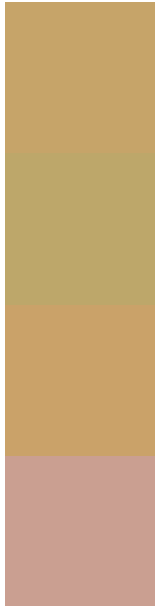
Deuteranopia

69, 36.221, 75.744



Tritanopia
69, 19.705, 1.989

Trichromacy



Original Color
69, 35.518, 82.219

Protanomaly
69, 34.420, 90.728

Deuteranomaly
69, 35.930, 77.871

Tritanomaly
69, 19.292, 43.947

Monochromacy



Original Color
69, 35.518, 82.219

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 12.976, 87.110

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 35.518, 82.219 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(198, 164, 105)` looks like.

```
.text, #text, p{  
    color:rgb(198, 164, 105)  
}
```

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(198, 164, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 164, 105) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 35.518, 82.219 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(198, 164, 105) }
```

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

```
.border{ border-color:rgb(198, 164, 105) }
```

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

Here you see how a box with a 4 pixel rgb(198, 164, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 164, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 164, 105);  
box-shadow:4px 4px 4px 4px rgb(198, 164,  
105) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 35.518, 82.219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 164, 105) }
```

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

```
.background{ background-color: rgb(198,  
164, 105) }
```

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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