

Converting Colors

CIELCh(69, 36.179, 78.784)

Have a look what the booklet for
CIELCh(69, 36.179, 78.784) contains.

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Color

CIELCh(69, 36.179, 78.784)

Conversions

Conversions Part 1

Format	Color
Hex	C9A268
RGB	201, 162, 104
RGB Percent	79%, 64%, 41%
CMY	0.2111, 0.3640, 0.5915
CMYK	0.00, 0.19, 0.48, 0.21
HSL	36°, 47%, 60%
HSV	36°, 48%, 79%
XYZ	39.5921, 39.3444, 18.6460
YIQ	167.0490, 41.8620, -9.7700

Conversions

Conversions Part 2

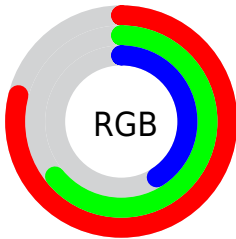
Format	Color
RYB	169, 201, 104
Decimal	13214312
CIELab	69.00, 7.04, 35.49
CIELCh	69, 36.179, 78.784
Yxy	39.3444, 0.4057, 0.4032
Android (android.graphics.Color)	4291404392 (0xFFC9A268)
YUV	167.0490, -31.0832, 29.7750
Hunter-Lab	62.7251, 2.9003, 26.2827

Details

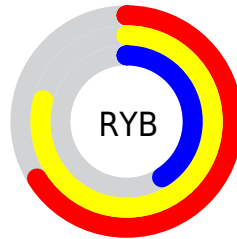
The CIELCh color **69, 36.179, 78.784** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **59, 34.244, 274.174**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 35.332, 81.678**, and **49, 36.456, 79.158** is the 20% darker color. If you saturate the color by 10%, you get **67, 44.106, 77.334**, and if you desaturate by 10%, it is **71, 28.306, 80.192**.

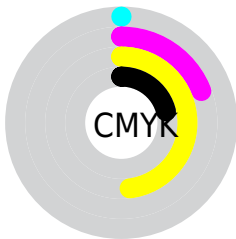
Distribution



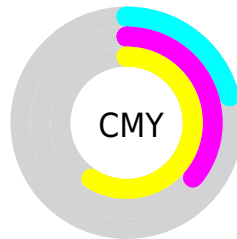
- Red (79%)
- Green (64%)
- Blue (41%)



- Red (66%)
- Yellow (79%)
- Blue (41%)



- Cyan (0%)
- Magenta (19%)
- Yellow (48%)
- Black (21%)



- Cyan (21%)
- Magenta (36%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 36.179, 78.784 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, 36.179, 78.784 by changing the saturation by 10% instead.

■ 69, 36.179, 78.784

■ 69, 36.179, 78.784

■ 100, 36.179,
78.784

■ 59, 36.179, 78.784

■ 89, 36.179, 78.784

■ 49, 36.179, 78.784

■ 99, 36.179, 78.784

■ 39, 36.179, 78.784

■ 29, 36.179, 78.784

■ 19, 36.179, 78.784

■ 9, 36.179, 78.784

■ 0, 36.179, 78.784

■ 69, 36.179, 78.784

■ 69, 36.179, 78.784

■ 67, 44.106, 77.334

■ 71, 28.306, 80.192

64, 51.859, 75.792

74, 20.596, 81.556

62, 59.008, 74.077

76, 13.095, 82.880

60, 64.840, 72.024

79, 5.817, 84.147

58, 68.677, 69.442

81, 1.246, 265.685

58, 69.313, 68.988

84, 8.105, 266.693

87, 14.778,
267.834

89, 16.669,
260.955

91, 14.961,
243.029

Harmonies

Complementary

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



69, 36.179, 78.784



59, 34.244, 274.174

Rectangle

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



69, 36.179, 78.784



69, 36.179, 128.784



69, 36.179, 258.784



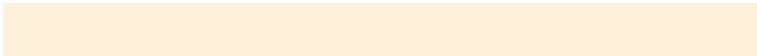
69, 36.179, 308.784

Sweetspot

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



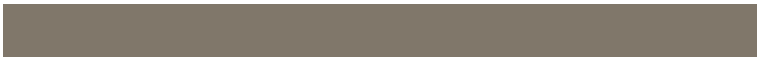
69, 36.179, 78.789



96, 12.116, 83.400



56, 43.328, 354.077



50, 8.394, 83.119



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, 36.179, 78.789



83, 53.279, 77.247



79, 50.011, 109.497



41, 3.980, 84.007



48, 59.285, 69.546



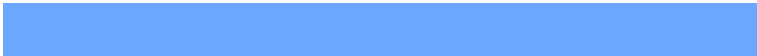
8, 13.310, 70.091

Inverse Universe

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



59, 34.244, 274.174



68, 50.099, 277.209



49, 56.893, 299.272



40, 3.948, 266.520



31, 61.734, 291.878



4, 15.600, 277.353

Previews

White Background



This preview shows how the CIELCh color 69, 36.179, 78.784 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 CIE LCh color 69, 36.179, 78.784 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

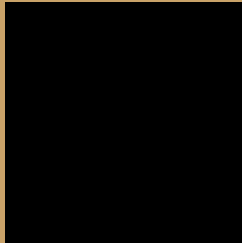
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 36.179, 78.784

Background



This preview shows how black text looks on a background with the CIELCh color 69, 36.179, 78.784.



This preview shows how white text looks on a background with the CIELCh color 69, 36.179, 78.784.

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, 36.179, 78.784

Protanopia

69, 34.097, 95.833

Deuteranopia

69, 36.691, 76.084



Tritanopia
69, 21.113, 5.043

Trichromacy



Original Color
69, 36.179, 78.784

Protanomaly
69, 34.553, 90.038

Deutanomaly
69, 36.447, 76.661

Tritanomaly
69, 20.881, 42.235

Monochromacy



Original Color
69, 36.179, 78.784

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 12.820, 82.916

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 36.179, 78.784 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(201, 162, 104)` looks like.

```
.text, #text, p{  
    color:rgb(201, 162, 104)  
}
```

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(201, 162, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 162, 104) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 36.179, 78.784 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(201, 162, 104) }
```

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

```
.border{ border-color:rgb(201, 162, 104) }
```

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

Here you see how a box with a 4 pixel rgb(201, 162, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 162, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 162, 104);  
box-shadow:4px 4px 4px 4px rgb(201, 162,  
104) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 36.179, 78.784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 162, 104) }
```

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

```
.background{ background-color: rgb(201,  
162, 104) }
```

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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