

Converting Colors

CIELCh(67, 71.219, 81.432)

Have a look what the booklet for
CIELCh(67, 71.219, 81.432) contains.

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Color

CIELCh(67, 71.251, 81.533)

Conversions

Conversions Part 1

Format	Color
Hex	D29A05
RGB	210, 154, 5
RGB Percent	82%, 60%, 2%
CMY	0.1782, 0.3976, 0.9801
CMYK	0.00, 0.27, 0.98, 0.18
HSL	44°, 95%, 42%
HSV	44°, 98%, 82%
XYZ	37.9713, 36.6320, 5.2144
YIQ	153.7580, 81.2050, -34.4670

Conversions

Conversions Part 2

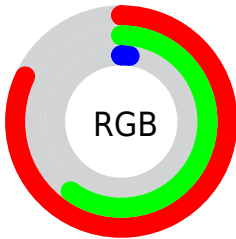
Format	Color
R _Y B	82, 210, 5
Decimal	13801989
CIE Lab	67.00, 10.49, 70.47
CIE LCh	67, 71.251, 81.533
Yxy	36.6320, 0.4757, 0.4589
Android (android.graphics.Color)	4291992069 (0xFFD29A05)
YUV	153.7580, -73.3377, 49.3242
Hunter-Lab	60.5244, 6.0683, 37.2590

Details

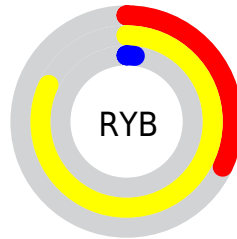
The CIELCh color **67, 71.251, 81.533** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **34, 90.667, 299.172**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 68.383, 87.061**, and **47, 55.691, 78.003** is the 20% darker color. If you saturate the color by 10%, you get **67, 71.786, 81.039**, and if you desaturate by 10%, it is **68, 68.437, 83.533**.

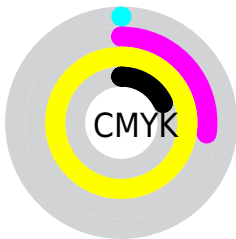
Distribution



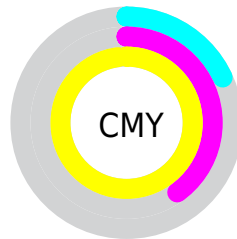
- Red (82%)
- Green (60%)
- Blue (2%)



- Red (32%)
- Yellow (82%)
- Blue (2%)



- Cyan (0%)
- Magenta (27%)
- Yellow (98%)
- Black (18%)



- Cyan (18%)
- Magenta (40%)
- Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 71.251, 81.533 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, 71.251, 81.533 by changing the saturation by 10% instead.

■ 67, 71.251, 81.533

■ 67, 71.251, 81.533

■ 100, 71.251,
81.533

■ 57, 71.251, 81.533

■ 87, 71.251, 81.533

■ 47, 71.251, 81.533

■ 97, 71.251, 81.533

■ 37, 71.251, 81.533

■ 27, 71.251, 81.533

■ 17, 71.251, 81.533

■ 7, 71.251, 81.533

■ 0, 71.251, 81.533

■ 67, 71.251, 81.533

■ 67, 71.251, 81.533

■ 67, 71.786, 81.039

■ 68, 68.437, 83.533

70, 63.302, 85.237

72, 56.462, 86.762

73, 48.628, 88.192

75, 40.295, 89.568

77, 31.763, 90.905

79, 23.199, 92.207

81, 14.691, 93.471

83, 6.285, 94.682

Harmonies

Complementary

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



67, 71.251, 81.533



34, 90.667, 299.172

Rectangle

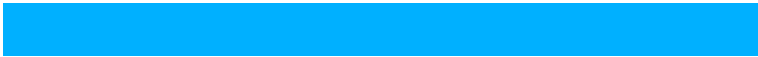
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67, 71.251, 81.533



67, 71.251, 131.533



67, 71.251, 261.533



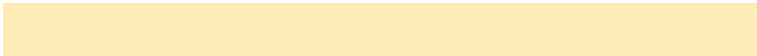
67, 71.251, 311.533

Sweetspot

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



67, 71.250, 81.536



93, 28.629, 91.983



44, 75.461, 21.847



49, 19.688, 91.423



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



67, 71.250, 81.536



80, 83.180, 80.750



78, 85.584, 115.526



43, 4.702, 94.467



54, 61.041, 81.426



12, 17.653, 84.893

Inverse Universe

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



34, 90.667, 299.172



41, 108.997, 300.228



28, 112.271, 307.304



41, 4.728, 276.827



26, 77.772, 299.376



4, 20.810, 285.580

Previews

White Background



This preview shows how the CIELCh color 67, 71.251, 81.533 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, 71.251, 81.533 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, 71.251, 81.533

Background



This preview shows how black text looks on a background with the CIELCh color 67, 71.251, 81.533.



This preview shows how white text looks on a background with the CIELCh color 67, 71.251, 81.533.

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, 71.379, 81.556

Protanopia

67, 68.620, 95.333

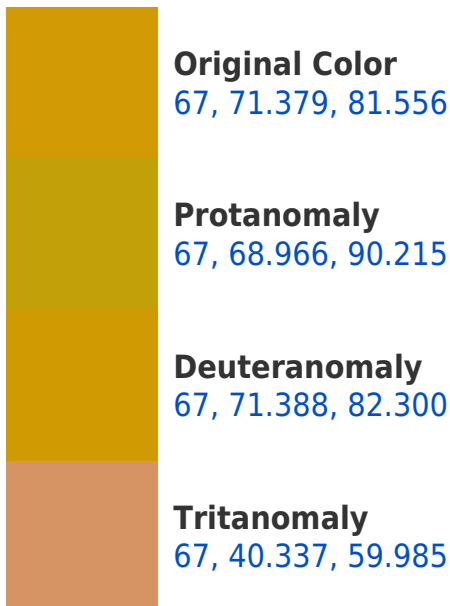
Deuteranopia

67, 71.569, 83.129



Tritanopia
67, 30.069, 11.122

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 71.251, 81.533 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(210, 154, 5)` looks like.

```
.text, #text, p{  
    color:rgb(210, 154, 5)  
}
```

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(210, 154, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 154, 5) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 71.251, 81.533 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(210, 154, 5) }
```

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

```
.border{ border-color:rgb(210, 154, 5) }
```

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

Here you see how a box with a 4 pixel rgb(210, 154, 5) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 154, 5); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 154, 5);  
box-shadow:4px 4px 4px 4px rgb(210, 154,  
5) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 71.251, 81.533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 154, 5) }
```

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

```
.background{ background-color: rgb(210,  
154, 5) }
```

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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