

Converting Colors

CIELCh(71, 36.914, 75.139)

Have a look what the booklet for
CIELCh(71, 36.914, 75.139) contains.

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Color

CIELCh(71, 36.959, 75.109)

Conversions

Conversions Part 1

Format	Color
Hex	D3A66D
RGB	211, 166, 109
RGB Percent	83%, 65%, 43%
CMY	0.1728, 0.3493, 0.5728
CMYK	0.00, 0.21, 0.48, 0.17
HSL	34°, 54%, 63%
HSV	34°, 48%, 83%
XYZ	43.2225, 42.1875, 20.3145
YIQ	172.9570, 45.1170, -8.1870

Conversions

Conversions Part 2

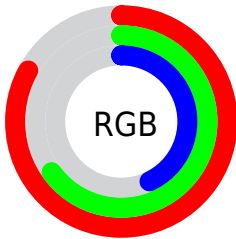
Format	Color
RYB	190, 211, 109
Decimal	13870701
CIELab	71.00, 9.50, 35.72
CIELCh	71, 36.959, 75.109
Yxy	42.1875, 0.4088, 0.3990
Android (android.graphics.Color)	4292060781 (0xFFD3A66D)
YUV	172.9570, -31.5308, 33.3637
Hunter-Lab	64.9519, 5.1177, 26.9227

Details

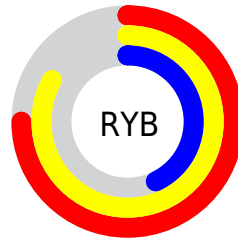
The CIELCh color **71, 36.959, 75.109** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **63, 33.865, 270.612**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 34.007, 83.893**, and **51, 36.877, 74.945** is the 20% darker color. If you saturate the color by 10%, you get **68, 45.229, 73.690**, and if you desaturate by 10%, it is **74, 28.824, 76.492**.

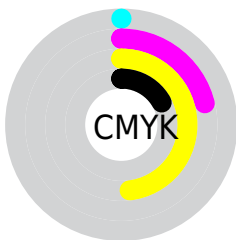
Distribution



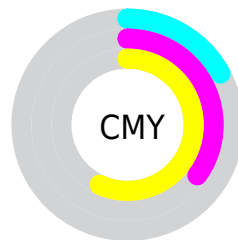
- Red (83%)
- Green (65%)
- Blue (43%)



- Red (75%)
- Yellow (83%)
- Blue (43%)



- Cyan (0%)
- Magenta (21%)
- Yellow (48%)
- Black (17%)



- Cyan (17%)
- Magenta (35%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 36.959, 75.109 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 71, 36.959, 75.109 by changing the saturation by 10% instead.

71, 36.959, 75.109

71, 36.959, 75.109

100, 36.959,
75.109

61, 36.959, 75.109

91, 36.959, 75.109

51, 36.959, 75.109

41, 36.959, 75.109

31, 36.959, 75.109

21, 36.959, 75.109

11, 36.959, 75.109

1, 36.959, 75.109

0, 36.959, 75.109

71, 36.959, 75.109

71, 36.959, 75.109

68, 45.229, 73.690

74, 28.824, 76.492

66, 53.413, 72.178

76, 20.924, 77.839

64, 61.076, 70.484

79, 13.293, 79.152

61, 67.463, 68.414

82, 5.936, 80.411

59, 71.801, 65.742

85, 1.160, 262.009

59, 72.471, 65.308

88, 8.017, 262.973

91, 13.942,
262.447

93, 12.207,
237.268

96, 13.137,
210.720

Harmonies

Complementary

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



71, 36.959, 75.109



63, 33.865, 270.612

Rectangle

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



71, 36.959, 75.109



71, 36.959, 125.109



71, 36.959, 255.109



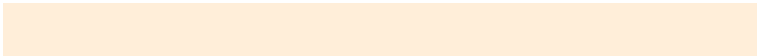
71, 36.959, 305.109

Sweetspot

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



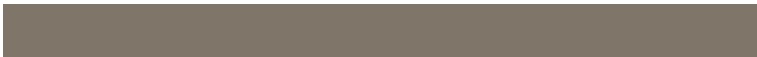
71, 36.959, 75.114



95, 12.598, 79.561



59, 45.809, 351.925



50, 8.629, 79.288



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



71, 36.959, 75.114



81, 52.456, 73.649



82, 52.003, 107.929



43, 4.012, 80.283



47, 61.145, 65.925



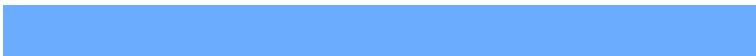
10, 15.844, 65.944

Inverse Universe

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



63, 33.865, 270.612



69, 47.334, 273.636



51, 59.313, 298.433



42, 3.959, 262.820



33, 58.922, 289.012



5, 17.484, 276.873

Previews

White Background



This preview shows how the CIELCh color 71, 36.959, 75.109 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 71, 36.959, 75.109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

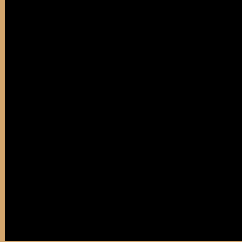
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 36.959, 75.109

Background



This preview shows how black text looks on a background with the CIELCh color 71, 36.959, 75.109.



This preview shows how white text looks on a background with the CIELCh color 71, 36.959, 75.109.

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





Tritanopia
71, 23.807, 5.945

Trichromacy



Original Color
71, 36.959, 75.109

Protanomaly
71, 34.342, 87.916

Deuteranomaly
71, 36.711, 75.670

Tritanomaly
71, 23.331, 38.644

Monochromacy



Original Color
71, 36.959, 75.109

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 12.858, 77.167

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 36.959, 75.109 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(211, 166, 109)` looks like.

```
.text, #text, p{  
    color:rgb(211, 166, 109)  
}
```

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(211, 166, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 166, 109) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 36.959, 75.109 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(211, 166, 109) }
```

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

```
.border{ border-color:rgb(211, 166, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 166, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 166, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 166, 109);  
box-shadow:4px 4px 4px 4px rgb(211, 166,  
109) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 36.959, 75.109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 166, 109) }
```

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

```
.background{ background-color: rgb(211,  
166, 109) }
```

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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