

Converting Colors

CIELCh(71, 35.756, 76.478)

Have a look what the booklet for
CIELCh(71, 35.756, 76.478) contains.

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Color

CIELCh(71, 35.712, 76.508)

Conversions

Conversions Part 1

Format	Color
Hex	D1A76F
RGB	209, 167, 111
RGB Percent	82%, 65%, 44%
CMY	0.1816, 0.3462, 0.5657
CMYK	0.00, 0.20, 0.47, 0.18
HSL	34°, 51%, 63%
HSV	34°, 47%, 82%
XYZ	42.8305, 42.1875, 20.8478
YIQ	173.1740, 43.0080, -8.5120

Conversions

Conversions Part 2

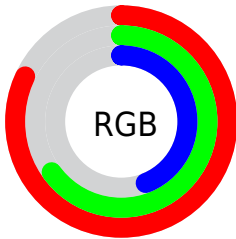
Format	Color
RYB	185, 209, 111
Decimal	13739887
CIELab	71.00, 8.33, 34.73
CIELCh	71, 35.712, 76.508
Yxy	42.1875, 0.4046, 0.3985
Android (android.graphics.Color)	4291929967 (0xFFD1A76F)
YUV	173.1740, -30.6518, 31.4194
Hunter-Lab	64.9519, 4.0405, 26.4359

Details

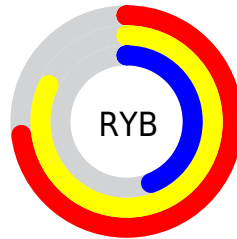
The CIELCh color **71, 35.712, 76.508** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **62, 33.145, 271.442**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 33.331, 84.260**, and **51, 35.543, 76.546** is the 20% darker color. If you saturate the color by 10%, you get **68, 43.892, 75.082**, and if you desaturate by 10%, it is **74, 27.660, 77.898**.

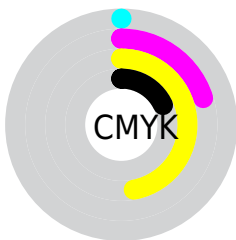
Distribution



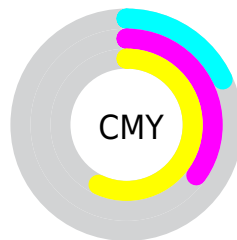
- Red (82%)
- Green (65%)
- Blue (44%)



- Red (73%)
- Yellow (82%)
- Blue (44%)



- Cyan (0%)
- Magenta (20%)
- Yellow (47%)
- Black (18%)



- Cyan (18%)
- Magenta (35%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 35.712, 76.508 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, 35.712, 76.508 by changing the saturation by 10% instead.

■ 71, 35.712, 76.508

■ 71, 35.712, 76.508

■ 100, 35.712,
76.508

■ 61, 35.712, 76.508

■ 91, 35.712, 76.508

■ 51, 35.712, 76.508

■ 41, 35.712, 76.508

■ 31, 35.712, 76.508

■ 21, 35.712, 76.508

■ 11, 35.712, 76.508

■ 1, 35.712, 76.508

■ 0, 35.712, 76.508

■ 71, 35.712, 76.508

■ 71, 35.712, 76.508

68, 43.892, 75.082

74, 27.660, 77.898

66, 51.996, 73.572

76, 19.829, 79.249

64, 59.624, 71.898

79, 12.250, 80.563

61, 66.075, 69.890

82, 4.928, 81.813

59, 70.477, 67.293

85, 2.150, 263.277

59, 71.650, 66.476

87, 9.001, 264.369

90, 14.816,
263.762

93, 12.895,
241.245

95, 13.308,
216.288

Harmonies

Complementary

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



71, 35.712, 76.508



62, 33.145, 271.442

Rectangle

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



71, 35.712, 76.508



71, 35.712, 126.508



71, 35.712, 256.508



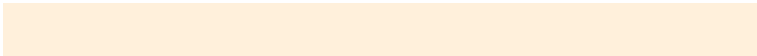
71, 35.712, 306.508

Sweetspot

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



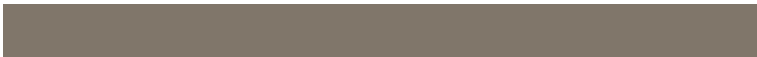
71, 35.712, 76.513



95, 11.854, 80.919



59, 43.812, 352.778



50, 8.215, 80.639



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, 35.712, 76.513



82, 50.773, 75.125



81, 50.199, 108.816



43, 4.055, 81.515



48, 60.957, 67.057



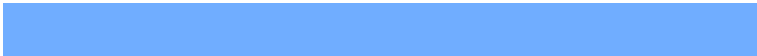
10, 15.910, 67.501

Inverse Universe

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



62, 33.145, 271.442



70, 46.540, 274.206



51, 56.920, 298.627



42, 4.008, 264.052



33, 60.335, 290.017



5, 17.756, 277.761

Previews

White Background



This preview shows how the CIELCh color 71, 35.712, 76.508 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, 35.712, 76.508 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, 35.712, 76.508

Background



This preview shows how black text looks on a background with the CIELCh color 71, 35.712, 76.508.



This preview shows how white text looks on a background with the CIELCh color 71, 35.712, 76.508.

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

71, 35.712, 76.508

Protanopia

71, 32.908, 95.753

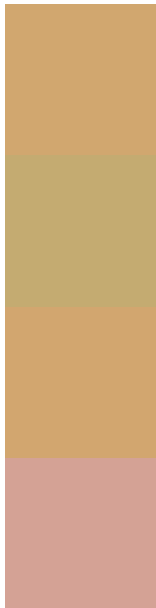
Deuteranopia

71, 35.780, 74.966



Tritanopia
71, 22.262, 4.632

Trichromacy



Original Color
71, 35.712, 76.508

Protanomaly
71, 33.187, 88.184

Deuteranomaly
71, 35.780, 74.966

Tritanomaly
71, 21.702, 39.858

Monochromacy



Original Color
71, 35.712, 76.508

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 12.915, 81.388

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 35.712, 76.508 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(209, 167, 111)` looks like.

```
.text, #text, p{  
    color:rgb(209, 167, 111)  
}
```

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(209, 167, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 167, 111) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 35.712, 76.508 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(209, 167, 111) }
```

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

```
.border{ border-color:rgb(209, 167, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 167, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(209, 167, 111); -webkit-box-shadow:4px 4px 4px 4px rgb(209, 167, 111); box-shadow:4px 4px 4px 4px rgb(209, 167, 111) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 35.712, 76.508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 167, 111) }
```

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

```
.background{ background-color: rgb(209,  
167, 111) }
```

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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