

Converting Colors

CIELCh(76, 69.802, 96.200)

Have a look what the booklet for
CIELCh(76, 69.802, 96.200) contains.

CIELCh(76, 70.006, 96.279)	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(76, 70.006, 96.279)

Conversions

Conversions Part 1

Format	Color
Hex	D1BD2C
RGB	209, 189, 44
RGB Percent	82%, 74%, 17%
CMY	0.1822, 0.2604, 0.8294
CMYK	0.00, 0.10, 0.79, 0.18
HSL	53°, 65%, 49%
HSV	53°, 79%, 82%
XYZ	44.7225, 49.8872, 9.6061
YIQ	178.4500, 58.4650, -40.8550

Conversions

Conversions Part 2

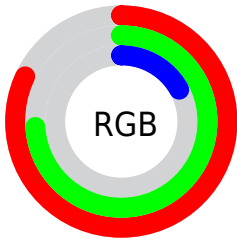
Format	Color
RYB	67, 209, 44
Decimal	13745452
CIELab	76.00, -7.66, 69.59
CIELCh	76, 70.006, 96.279
Yxy	49.8872, 0.4291, 0.4787
Android (android.graphics.Color)	4291935532 (0xFFD1BD2C)
YUV	178.4500, -66.2838, 26.7924
Hunter-Lab	70.6309, -10.5804, 41.3779

Details

The CIELCh color **76, 70.006, 96.279** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle washed orange. A complement of this color would be **35, 88.026, 300.075**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 69.468, 101.293**, and **56, 61.121, 96.604** is the 20% darker color. If you saturate the color by 10%, you get **75, 74.330, 95.329**, and if you desaturate by 10%, it is **77, 63.621, 97.280**.

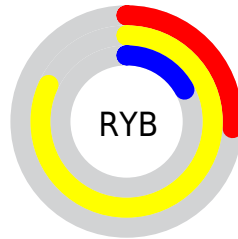
Distribution



Red (82%)

Green (74%)

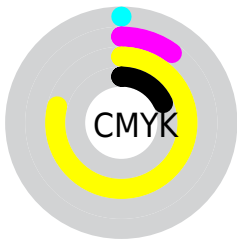
Blue (17%)



Red (26%)

Yellow (82%)

Blue (17%)

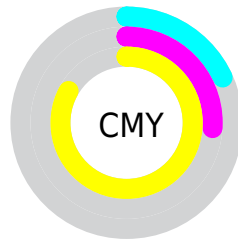


Cyan (0%)

Magenta (10%)

Yellow (79%)

Black (18%)



Cyan (18%)

Magenta (26%)

Yellow (83%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 70.006, 96.279 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 76, 70.006, 96.279 by changing the saturation by 10% instead.

 76, 70.006, 96.279

 76, 70.006, 96.279

 100, 70.006,
96.279

 66, 70.006, 96.279

 96, 70.006, 96.279

 56, 70.006, 96.279

 46, 70.006, 96.279

 36, 70.006, 96.279

 26, 70.006, 96.279

 16, 70.006, 96.279

 6, 70.006, 96.279

 0, 70.006, 96.279

 76, 70.006, 96.279

 76, 70.006, 96.279

75, 74.330, 95.329

77, 63.621, 97.280

75, 76.408, 94.400

78, 55.791, 98.325

75, 76.555, 94.321

79, 47.054, 99.406

79, 37.792,
100.508

80, 28.250,
101.616

82, 18.576,
102.715

83, 8.860, 103.791

84, 0.845, 285.001

85, 10.508,
285.892

Harmonies

Complementary

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



76, 70.006, 96.279



35, 88.026, 300.075

Rectangle

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



76, 70.006, 96.279



76, 70.006, 146.279



76, 70.006, 276.279



76, 70.006, 326.279

Sweetspot

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



76, 70.006, 96.281



97, 27.416, 102.152



47, 69.731, 24.675



51, 18.824, 101.754



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



76, 70.006, 96.281



90, 88.321, 94.680



77, 80.858, 121.391



44, 5.513, 103.762



61, 65.335, 94.461



14, 20.640, 97.665

Inverse Universe

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



35, 88.026, 300.075



36, 122.900, 304.048



37, 95.990, 309.398



41, 5.604, 285.838



21, 91.710, 304.422



2, 23.415, 290.232

Previews

White Background



This preview shows how the CIELCh color 76, 70.006, 96.279 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 76, 70.006, 96.279 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 76, 70.006, 96.279

Background



This preview shows how black text looks on a background with the CIELCh color 76, 70.006, 96.279.



This preview shows how white text looks on a background with the CIELCh color 76, 70.006, 96.279.

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


76, 70.006, 96.279

Protanopia

76, 70.159, 95.160

Deuteranopia

76, 69.379, 82.149



Tritanopia
76, 17.655, 357.781

Trichromacy



Original Color
76, 70.006, 96.279

Protanomaly
76, 70.086, 95.520

Deuteranomaly
76, 69.035, 87.503

Tritanomaly
76, 28.149, 77.732

Monochromacy



Original Color
76, 70.006, 96.279

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 28.507, 101.578

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 70.006, 96.279 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, 189, 44)` looks like.

```
.text, #text, p{  
    color:rgb(209, 189, 44)  
}
```

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, 189, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 189, 44) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 70.006, 96.279 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, 189, 44) }
```

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

```
.border{ border-color:rgb(209, 189, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 189, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 189, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 189, 44);  
box-shadow:4px 4px 4px 4px rgb(209, 189,  
44) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 70.006, 96.279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 189, 44) }
```

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

```
.background{ background-color: rgb(209,  
189, 44) }
```

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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