

Converting Colors

CIELCh(76, 39.497, 105.136)

Have a look what the booklet for
CIELCh(76, 39.497, 105.136)
contains.

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Color

CIELCh(76, 39.431, 105.216)

Conversions

Conversions Part 1

Format	Color
Hex	C1BF74
RGB	193, 191, 116
RGB Percent	76%, 75%, 45%
CMY	0.2430, 0.2508, 0.5449
CMYK	0.00, 0.01, 0.40, 0.24
HSL	58°, 38%, 61%
HSV	58°, 40%, 76%
XYZ	43.8000, 49.8872, 23.8567
YIQ	183.0480, 25.2670, -22.9010

Conversions

Conversions Part 2

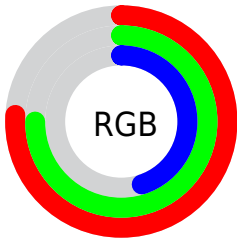
Format	Color
RYB	118, 193, 116
Decimal	12697460
CIELab	76.00, -10.35, 38.05
CIELCh	76, 39.431, 105.216
Yxy	49.8872, 0.3726, 0.4244
Android (android.graphics.Color)	4290887540 (0xFFC1BF74)
YUV	183.0480, -33.0547, 8.7279
Hunter-Lab	70.6309, -12.9117, 29.4155

Details

The CIELCh color **76, 39.431, 105.216** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **52, 43.465, 294.525**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 39.356, 104.821**, and **56, 39.526, 105.402** is the 20% darker color. If you saturate the color by 10%, you get **76, 48.682, 104.286**, and if you desaturate by 10%, it is **76, 29.786, 106.190**.

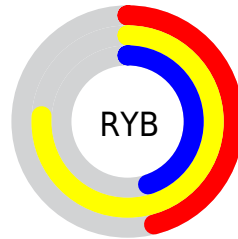
Distribution



Red (76%)

Green (75%)

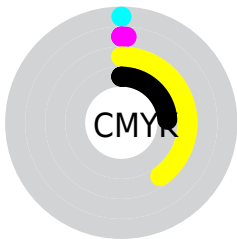
Blue (45%)



Red (46%)

Yellow (76%)

Blue (45%)

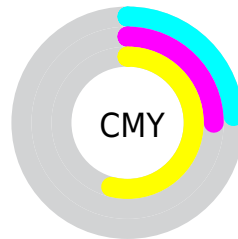


Cyan (0%)

Magenta (1%)

Yellow (40%)

Black (24%)



Cyan (24%)


Magenta (25%)


Yellow (54%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 39.431, 105.216 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, 39.431, 105.216 by changing the saturation by 10% instead.


 76, 39.431,
105.216


 76, 39.431,
105.216


 100, 39.431,
105.216


 66, 39.431,
105.216


 96, 39.431,
105.216

 56, 39.431,
105.216

 46, 39.431,
105.216

 36, 39.431,
105.216

 26, 39.431,
105.216

 16, 39.431,
105.216

 6, 39.431, 105.216

0, 39.431, 105.216

76, 39.431,
105.216

76, 39.431,
105.216

76, 48.682,
104.286

76, 29.786,
106.190

75, 57.276,
103.417

77, 19.913,
107.177

75, 64.836,
102.646

77, 9.921, 108.160

75, 70.881,
102.007

78, 0.122, 289.734

75, 74.936,
101.529

79, 10.171,
290.097

74, 77.082,
101.198

79, 20.198,
291.011

80, 30.183,

■ 74, 77.104,
101.194

291.890

■ 81, 31.929,
291.801

■ 81, 31.650,
291.474

Harmonies

Complementary

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



76, 39.431, 105.216



52, 43.465, 294.525

Rectangle

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



76, 39.431, 105.216



76, 39.431, 155.216



76, 39.431, 285.216



76, 39.431, 335.216

Sweetspot

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



76, 39.432, 105.219



97, 14.844, 107.935



57, 32.684, 20.783



52, 9.842, 107.806



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



76, 39.432, 105.219



95, 57.866, 104.389



74, 43.113, 126.004



41, 5.706, 108.211



63, 67.309, 101.217



12, 18.043, 105.344

Inverse Universe

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



52, 43.465, 294.525



60, 65.707, 296.234



55, 45.861, 309.984



37, 5.826, 290.111



19, 93.457, 305.918



1, 19.117, 290.450

Previews

White Background



This preview shows how the CIELCh color 76, 39.431, 105.216 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 76, 39.431, 105.216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

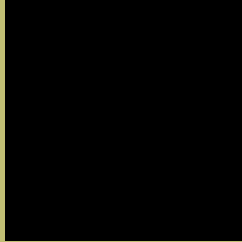
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 39.431, 105.216

Background



This preview shows how black text looks on a background with the CIELCh color 76, 39.431, 105.216.



This preview shows how white text looks on a background with the CIELCh color 76, 39.431, 105.216.

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, 39.431, 105.216

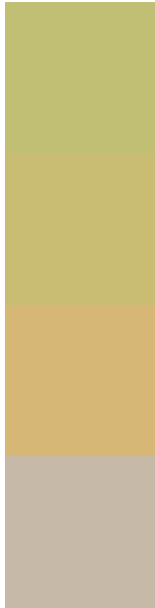
Protanopia
76, 38.851, 95.207

Deuteranopia
76, 38.260, 75.403



Tritanopia
76, 11.229, 334.384

Trichromacy



Original Color
76, 39.431, 105.216

Protanomaly
76, 38.927, 98.380

Deuteranomaly
76, 37.182, 86.073

Tritanomaly
76, 11.091, 79.804

Monochromacy



Original Color
76, 39.431, 105.216

Achromatopsia
74, 0.009, 296.813

Achromatomaly
75, 14.487, 107.242

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 39.431, 105.216 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(193, 191, 116)` looks like.

```
.text, #text, p{  
    color:rgb(193, 191, 116)  
}
```

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(193, 191, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 191, 116) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 39.431, 105.216 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(193, 191, 116) }
```

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

```
.border{ border-color:rgb(193, 191, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 191, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 191, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 191, 116);  
box-shadow:4px 4px 4px 4px rgb(193, 191,  
116) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 39.431, 105.216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 191, 116) }
```

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

```
.background{ background-color: rgb(193,  
191, 116) }
```

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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