

Converting Colors

CIELCh(76, 40.435, 105.147)

Have a look what the booklet for
CIELCh(76, 40.435, 105.147)
contains.

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Color

CIELCh(76, 40.435, 105.147)

Conversions

Conversions Part 1

Format	Color
Hex	C1BF72
RGB	193, 191, 114
RGB Percent	76%, 75%, 45%
CMY	0.2426, 0.2505, 0.5525
CMYK	0.00, 0.01, 0.41, 0.24
HSL	58°, 39%, 60%
HSV	58°, 41%, 76%
XYZ	43.7264, 49.8872, 23.2788
YIQ	182.8200, 25.9090, -23.5230

Conversions

Conversions Part 2

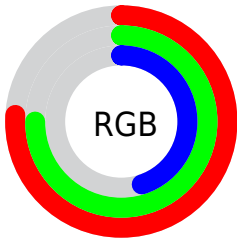
Format	Color
RYB	116, 193, 114
Decimal	12697458
CIELab	76.00, -10.57, 39.03
CIELCh	76, 40.435, 105.147
Yxy	49.8872, 0.3741, 0.4268
Android (android.graphics.Color)	4290887538 (0xFFC1BF72)
YUV	182.8200, -33.9283, 8.9279
Hunter-Lab	70.6309, -13.0977, 29.9007

Details

The CIELCh color $76, 40.435, 105.147$ is a light color, and the websafe version is hex `CCCC66`. A complement of this color would be $52, 44.722, 294.736$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $96, 40.338, 104.795$, and $56, 40.519, 105.282$ is the 20% darker color. If you saturate the color by 10%, you get $76, 49.640, 104.223$, and if you desaturate by 10%, it is $76, 30.814, 106.118$.

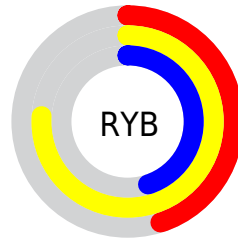
Distribution



Red (76%)

Green (75%)

Blue (45%)



Red (45%)

Yellow (76%)

Blue (45%)

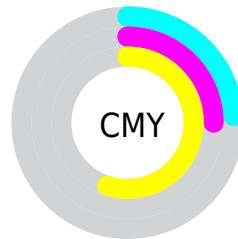


Cyan (0%)

Magenta (1%)

Yellow (41%)

Black (24%)



Cyan (24%)


Magenta (25%)


Yellow (55%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 40.435, 105.147 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, 40.435, 105.147 by changing the saturation by 10% instead.


 76, 40.435,
105.147


 76, 40.435,
105.147


 100, 40.435,
105.147


 66, 40.435,
105.147


 96, 40.435,
105.147

 56, 40.435,
105.147

 46, 40.435,
105.147

 36, 40.435,
105.147

 26, 40.435,
105.147

 16, 40.435,
105.147

 6, 40.435, 105.147

■ 0, 40.435, 105.147

■ 76, 40.435,
105.147

■ 76, 40.435,
105.147

■ 76, 49.640,
104.223

■ 76, 30.814,
106.118

■ 75, 58.153,
103.364

■ 77, 20.949,
107.103

■ 75, 65.586,
102.606

■ 77, 10.956,
108.087

■ 75, 71.450,
101.985

■ 78, 0.907, 108.988

■ 75, 75.284,
101.528

■ 79, 9.154, 290.027

■ 74, 77.163,
101.235

■ 79, 19.194,
290.944

■ 80, 29.194,

291.827

■ 81, 31.939,
291.858

■ 81, 31.666,
291.540

Harmonies

Complementary

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



76, 40.435, 105.147



52, 44.722, 294.736

Rectangle

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



76, 40.435, 105.147



76, 40.435, 155.147



76, 40.435, 285.147



76, 40.435, 335.147

Sweetspot

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



76, 40.436, 105.150



97, 14.853, 107.962



57, 33.637, 20.953



52, 9.848, 107.833



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, 40.436, 105.150



95, 59.009, 104.326



74, 44.196, 125.957



41, 5.710, 108.237



63, 67.340, 101.257



12, 18.057, 105.379

Inverse Universe

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



52, 44.722, 294.736



59, 67.262, 296.465



55, 47.098, 310.043



37, 5.829, 290.137



19, 93.487, 305.927



1, 19.126, 290.466

Previews

White Background



This preview shows how the CIELCh color 76, 40.435, 105.147 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, 40.435, 105.147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

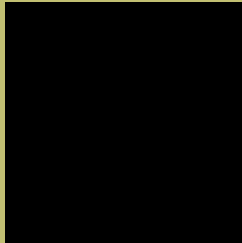
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 40.435, 105.147

Background



This preview shows how black text looks on a background with the CIELCh color 76, 40.435, 105.147.



This preview shows how white text looks on a background with the CIELCh color 76, 40.435, 105.147.

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, 40.435, 105.147

Protanopia

76, 39.849, 95.370

Deuteranopia

76, 39.181, 76.041



Tritanopia
76, 11.229, 334.384

Trichromacy



Original Color
76, 40.435, 105.147

Protanomaly
76, 40.337, 99.130

Deuteranomaly
76, 38.160, 86.475

Tritanomaly
76, 11.568, 81.018

Monochromacy



Original Color
76, 40.435, 105.147

Achromatopsia
74, 0.009, 296.813

Achromatomaly
75, 15.022, 107.243

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 40.435, 105.147 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, 114)` looks like.

```
.text, #text, p{  
    color:rgb(193, 191, 114)  
}
```

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, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 191, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 40.435, 105.147 is called "border". The border property can be set on classes, ids or directly on the HTML element.

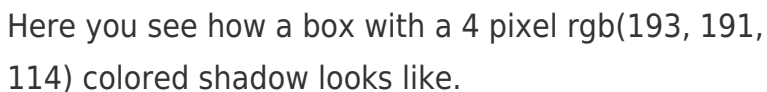
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(193, 191, 114) }
```

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

```
.border{ border-color:rgb(193, 191, 114) }
```

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, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 191, 114); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 191, 114); box-shadow:4px 4px 4px 4px rgb(193, 191, 114) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 40.435, 105.147 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, 114) }
```

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

```
.background{ background-color: rgb(193,  
191, 114) }
```

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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