

Converting Colors

CIELCh(76, 45.764, 101.580)

Have a look what the booklet for
CIELCh(76, 45.764, 101.580)
contains.

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Color

CIELCh(76, 45.548, 101.554)

Conversions

Conversions Part 1

Format	Color
Hex	C6BE67
RGB	198, 190, 103
RGB Percent	78%, 75%, 40%
CMY	0.2230, 0.2544, 0.5956
CMYK	0.00, 0.04, 0.48, 0.22
HSL	55°, 46%, 59%
HSV	55°, 48%, 78%
XYZ	44.2185, 49.8872, 20.1621
YIQ	182.4740, 32.6950, -25.3610

Conversions

Conversions Part 2

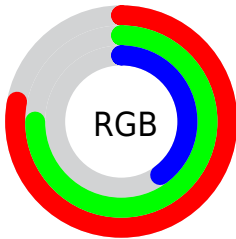
Format	Color
RYB	112, 198, 103
Decimal	13024871
CIELab	76.00, -9.12, 44.63
CIELCh	76, 45.548, 101.554
Yxy	49.8872, 0.3870, 0.4366
Android (android.graphics.Color)	4291214951 (0xFFC6BE67)
YUV	182.4740, -39.1807, 13.6163
Hunter-Lab	70.6309, -11.8540, 32.5169

Details

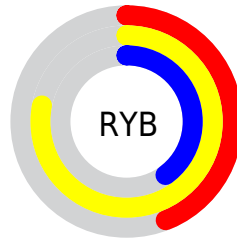
The CIELCh color **76, 45.548, 101.554** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **50, 50.785, 293.790**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 45.361, 102.097**, and **56, 45.378, 101.764** is the 20% darker color. If you saturate the color by 10%, you get **75, 54.183, 100.553**, and if you desaturate by 10%, it is **77, 36.392, 102.596**.

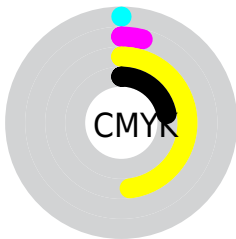
Distribution



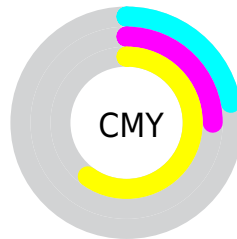
- Red (78%)
- Green (75%)
- Blue (40%)



- Red (44%)
- Yellow (78%)
- Blue (40%)



- Cyan (0%)
- Magenta (4%)
- Yellow (48%)
- Black (22%)





- Cyan (22%)
- Magenta (25%)
- Yellow (60%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 45.548, 101.554 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, 45.548, 101.554 by changing the saturation by 10% instead.


 76, 45.548,
101.554


 76, 45.548,
101.554


 100, 45.548,
101.554


 66, 45.548,
101.554


 96, 45.548,
101.554

 56, 45.548,
101.554

 46, 45.548,
101.554

 36, 45.548,
101.554

 26, 45.548,
101.554

 16, 45.548,
101.554

 6, 45.548, 101.554

0, 45.548, 101.554

76, 45.548,
101.554

76, 45.548,
101.554

75, 54.183,
100.553

77, 36.392,
102.596

75, 61.942, 99.605

77, 26.941,
103.649

74, 68.334, 98.736

78, 17.341,
104.701

74, 72.803, 97.961

73, 75.088, 97.272

79, 7.681, 105.735

73, 75.452, 97.136

80, 1.988, 286.814

81, 11.630,
287.758

82, 21.225,

288.703

■ 83, 27.279,
288.865

■ 83, 26.392,
287.477

Harmonies

Complementary

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



76, 45.548, 101.554



50, 50.785, 293.790

Rectangle

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



76, 45.548, 101.554



76, 45.548, 151.554



76, 45.548, 281.554



76, 45.548, 331.554

Sweetspot

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



76, 45.549, 101.557



98, 16.601, 105.091



55, 40.500, 17.313



52, 11.460, 104.864



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, 45.549, 101.557



94, 66.430, 100.463



75, 51.639, 123.127



42, 5.495, 105.589



61, 65.389, 97.222



12, 18.392, 101.153

Inverse Universe

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



50, 50.785, 293.790



56, 77.021, 296.248



51, 56.400, 308.408



39, 5.596, 287.589



20, 91.764, 305.084



2, 20.236, 289.531

Previews

White Background



This preview shows how the CIELCh color 76, 45.548, 101.554 looks on a white background.

Color Contrast Check

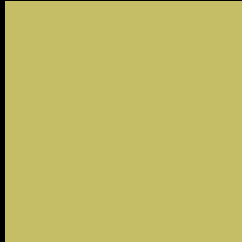
Large Text (above 18pt) WCAG AA × Fail

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, 45.548, 101.554 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

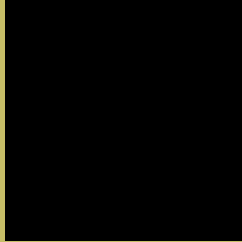
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 45.548, 101.554

Background



This preview shows how black text looks on a background with the CIELCh color 76, 45.548, 101.554.



This preview shows how white text looks on a background with the CIELCh color 76, 45.548, 101.554.

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, 45.548, 101.554

Protanopia

76, 45.347, 95.519

Deuteranopia

76, 44.718, 78.006



Tritanopia
76, 12.867, 344.764

Trichromacy



Original Color
76, 45.548, 101.554

Protanomaly
76, 45.489, 97.734

Deuteranomaly
76, 43.968, 86.672

Tritanomaly
76, 14.689, 76.417

Monochromacy



Original Color
76, 45.548, 101.554

Achromatopsia
74, 0.009, 296.813

Achromatomaly
75, 17.187, 104.574

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 45.548, 101.554 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(198, 190, 103)` looks like.

```
.text, #text, p{  
    color:rgb(198, 190, 103)  
}
```

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(198, 190, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 190, 103) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 45.548, 101.554 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(198, 190, 103) }
```

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

```
.border{ border-color:rgb(198, 190, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 190, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 190, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 190, 103);  
box-shadow:4px 4px 4px 4px rgb(198, 190,  
103) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 45.548, 101.554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 190, 103) }
```

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

```
.background{ background-color: rgb(198,  
190, 103) }
```

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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