

Converting Colors

CIELCh(76, 54.903, 103.321)

Have a look what the booklet for
CIELCh(76, 54.903, 103.321)
contains.

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Color

CIELCh(76, 55.212, 103.609)

Conversions

Conversions Part 1

Format	Color
Hex	C3C054
RGB	195, 192, 84
RGB Percent	76%, 75%, 33%
CMY	0.2357, 0.2474, 0.6709
CMYK	0.00, 0.02, 0.57, 0.24
HSL	58°, 48%, 55%
HSV	58°, 57%, 76%
XYZ	42.9072, 49.8872, 15.7372
YIQ	180.5850, 36.4560, -32.9520

Conversions

Conversions Part 2

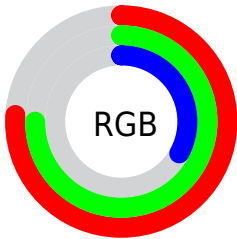
Format	Color
RYB	87, 195, 84
Decimal	12828756
CIELab	76.00, -12.99, 53.66
CIELCh	76, 55.212, 103.609
Yxy	49.8872, 0.3953, 0.4597
Android (android.graphics.Color)	4291018836 (0xFFC3C054)
YUV	180.5850, -47.6164, 12.6420
Hunter-Lab	70.6309, -15.1680, 36.2313

Details

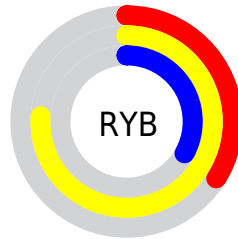
The CIELCh color **76, 55.212, 103.609** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted yellow. A complement of this color would be **42, 64.675, 297.951**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 55.184, 103.351**, and **56, 55.216, 103.584** is the 20% darker color. If you saturate the color by 10%, you get **76, 63.177, 102.805**, and if you desaturate by 10%, it is **76, 46.331, 104.505**.

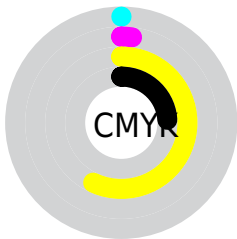
Distribution



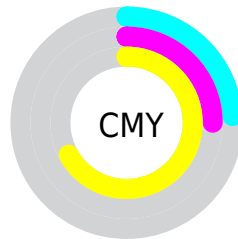
- Red (76%)
- Green (75%)
- Blue (33%)



- Red (34%)
- Yellow (76%)
- Blue (33%)



- Cyan (0%)
- Magenta (2%)
- Yellow (57%)
- Black (24%)





- Cyan (24%)
- Magenta (25%)
- Yellow (67%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 55.212, 103.609 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, 55.212, 103.609 by changing the saturation by 10% instead.


 76, 55.212,
103.609


 76, 55.212,
103.609


 100, 55.212,
103.609


 66, 55.212,
103.609


 96, 55.212,
103.609

 56, 55.212,
103.609

 46, 55.212,
103.609

 36, 55.212,
103.609

 26, 55.212,
103.609

 16, 55.212,
103.609

 6, 55.212, 103.609

■ 0, 55.212, 103.609

■ 76, 55.212,
103.609

■ 76, 55.212,
103.609

■ 76, 63.177,
102.805

■ 76, 46.331,
104.505

■ 75, 69.763,
102.121

■ 77, 36.877,
105.454

■ 75, 74.466,
101.590

■ 77, 27.083,
106.433

■ 75, 77.018,
101.223

■ 78, 17.097,
107.423

■ 75, 77.598,
101.126

■ 78, 7.016, 108.402

■ 79, 3.101, 289.405

■ 80, 13.214,

290.328

■ 80, 23.297,
291.234

■ 81, 31.044,
291.836

Harmonies

Complementary

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



76, 55.212, 103.609



42, 64.675, 297.951

Rectangle

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



76, 55.212, 103.609



76, 55.212, 153.609



76, 55.212, 283.609



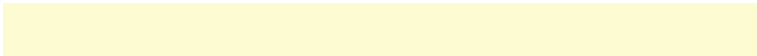
76, 55.212, 333.609

Sweetspot

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



76, 55.213, 103.612



98, 21.160, 107.391



50, 49.121, 24.299



53, 14.260, 107.188



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, 55.213, 103.612



95, 78.601, 102.649



73, 60.682, 125.325



41, 5.700, 108.168



63, 67.260, 101.151



12, 18.021, 105.289

Inverse Universe

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



42, 64.675, 297.951



46, 97.050, 300.714



46, 66.587, 310.950



37, 5.820, 290.070



19, 93.409, 305.903



1, 19.103, 290.422

Previews

White Background



This preview shows how the CIELCh color 76, 55.212, 103.609 looks on a white background.

Color Contrast Check

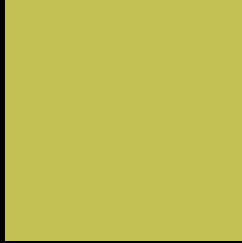
Large Text (above 18pt) WCAG AA × Fail

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, 55.212, 103.609 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

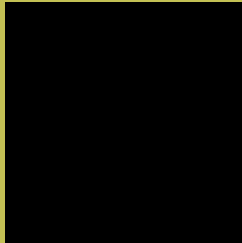
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 55.212, 103.609

Background



This preview shows how black text looks on a background with the CIELCh color 76, 55.212, 103.609.



This preview shows how white text looks on a background with the CIELCh color 76, 55.212, 103.609.

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, 55.212, 103.609

Protanopia

76, 54.744, 95.822

Deuteranopia

76, 53.326, 79.498



Tritanopia
76, 12.269, 342.632

Trichromacy



Original Color
76, 55.212, 103.609

Protanomaly
76, 54.758, 98.587

Deuteranomaly
76, 52.526, 88.304

Tritanomaly
76, 17.661, 84.580

Monochromacy



Original Color
76, 55.212, 103.609

Achromatopsia
73, 0.009, 296.813

Achromatomaly
74, 20.918, 107.052

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 55.212, 103.609 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(195, 192, 84)` looks like.

```
.text, #text, p{  
    color:rgb(195, 192, 84)  
}
```

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(195, 192, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 192, 84) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 55.212, 103.609 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(195, 192, 84) }
```

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

```
.border{ border-color:rgb(195, 192, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 192, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 192, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 192, 84);  
box-shadow:4px 4px 4px 4px rgb(195, 192,  
84) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 55.212, 103.609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 192, 84) }
```

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

```
.background{ background-color: rgb(195,  
192, 84) }
```

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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