

Converting Colors

CIELCh(76, 61.984, 104.342)

Have a look what the booklet for
CIELCh(76, 61.984, 104.342)
contains.

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Color

CIELCh(76, 61.984, 104.342)

Conversions

Conversions Part 1

Format	Color
Hex	C1C145
RGB	193, 193, 69
RGB Percent	76%, 76%, 27%
CMY	0.2433, 0.2432, 0.7295
CMYK	0.00, 0.00, 0.64, 0.24
HSL	60°, 50%, 51%
HSV	60°, 64%, 76%
XYZ	42.1191, 49.8872, 13.0342
YIQ	178.8640, 39.8040, -38.5640

Conversions

Conversions Part 2

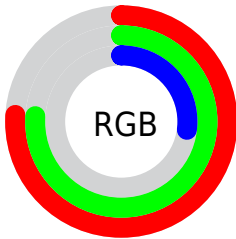
Format	Color
RYB	69, 193, 69
Decimal	12697925
CIELab	76.00, -15.35, 60.05
CIElCh	76, 61.984, 104.342
Yxy	49.8872, 0.4010, 0.4749
Android (android.graphics.Color)	4290888005 (0xFFC1C145)
YUV	178.8640, -54.1630, 12.3973
Hunter-Lab	70.6309, -17.1597, 38.5003

Details

The CIELCh color **76, 61.984, 104.342** 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 **37, 75.416, 300.478**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 61.940, 104.221**, and **56, 62.074, 104.582** is the 20% darker color. If you saturate the color by 10%, you get **76, 69.015, 103.704**, and if you desaturate by 10%, it is **76, 53.681, 105.115**.

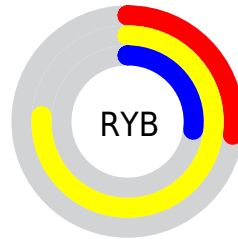
Distribution



Red (76%)

Green (76%)

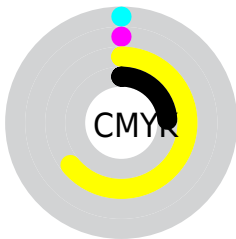
Blue (27%)



Red (27%)

Yellow (76%)

Blue (27%)

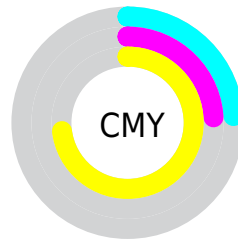


Cyan (0%)

Magenta (0%)

Yellow (64%)

Black (24%)



Cyan (24%)


Magenta (24%)


Yellow (73%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 61.984, 104.342 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, 61.984, 104.342 by changing the saturation by 10% instead.


 76, 61.984,
104.342


 76, 61.984,
104.342


 100, 61.984,
104.342


 66, 61.984,
104.342


 96, 61.984,
104.342

 56, 61.984,
104.342

 46, 61.984,
104.342

 36, 61.984,
104.342

 26, 61.984,
104.342

 16, 61.984,
104.342

 6, 61.984, 104.342

0, 61.984, 104.342

76, 61.984,
104.342

76, 61.984,
104.342

76, 69.015,
103.704

76, 53.681,
105.115

76, 74.287,
103.233

76, 44.532,
105.977

76, 77.443,
102.955

77, 34.850,
106.898

76, 78.579,
102.856

77, 24.847,
107.850

77, 14.662,
108.812

78, 4.382, 109.762

■ 78, 5.935, 290.730

■ 79, 16.250,
291.639

■ 80, 26.537,
292.521

Harmonies

Complementary

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



76, 61.984, 104.342



37, 75.416, 300.478

Rectangle

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



76, 61.984, 104.342



76, 61.984, 154.342



76, 61.984, 284.342



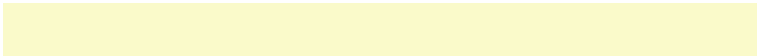
76, 61.984, 334.342

Sweetspot

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



76, 61.985, 104.344



97, 24.061, 108.327



47, 56.502, 28.583



52, 16.536, 108.049



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, 61.985, 104.344



96, 86.636, 103.496



72, 67.474, 126.354



41, 5.855, 109.281



64, 68.599, 102.856



12, 18.617, 106.718

Inverse Universe

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



37, 75.416, 300.478



39, 112.102, 303.455



43, 74.332, 312.243



37, 5.984, 291.144



18, 94.723, 306.287



1, 19.479, 291.136

Previews

White Background



This preview shows how the CIELCh color 76, 61.984, 104.342 looks on a white background.

Color Contrast Check

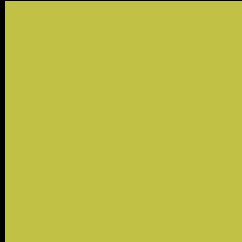
Large Text (above 18pt) WCAG AA × Fail

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, 61.984, 104.342 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, 61.984, 104.342

Background



This preview shows how black text looks on a background with the CIELCh color 76, 61.984, 104.342.



This preview shows how white text looks on a background with the CIELCh color 76, 61.984, 104.342.

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, 61.984, 104.342

Protanopia

76, 61.609, 95.702

Deuteranopia

76, 59.721, 80.635



Tritanopia
76, 11.680, 340.293

Trichromacy



Original Color
76, 61.984, 104.342

Protanomaly
76, 61.504, 99.031

Deuteranomaly
76, 59.058, 89.414

Tritanomaly
76, 20.357, 89.866

Monochromacy



Original Color
76, 61.984, 104.342

Achromatopsia
73, 0.009, 296.813

Achromatomaly
74, 24.097, 107.836

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 61.984, 104.342 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, 193, 69)` looks like.

```
.text, #text, p{  
    color:rgb(193, 193, 69)  
}
```

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, 193, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 193, 69) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 61.984, 104.342 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, 193, 69) }
```

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

```
.border{ border-color:rgb(193, 193, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 193, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 193, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 193, 69);  
box-shadow:4px 4px 4px 4px rgb(193, 193,  
69) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 61.984, 104.342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 193, 69) }
```

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

```
.background{ background-color: rgb(193,  
193, 69) }
```

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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