

Converting Colors

CIELCh(76, 61.561, 98.447)

Have a look what the booklet for
CIELCh(76, 61.561, 98.447) contains.

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Color

CIELCh(76, 61.554, 98.623)

Conversions

Conversions Part 1

Format	Color
Hex	CCBE44
RGB	204, 190, 68
RGB Percent	80%, 75%, 27%
CMY	0.2014, 0.2562, 0.7346
CMYK	0.00, 0.07, 0.67, 0.20
HSL	54°, 57%, 53%
HSV	54°, 67%, 80%
XYZ	44.1822, 49.8872, 12.7171
YIQ	180.2780, 47.5060, -34.9740

Conversions

Conversions Part 2

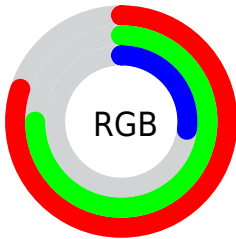
Format	Color
R _Y B	84, 204, 68
Decimal	13418052
CIE Lab	76.00, -9.23, 60.86
CIE LCh	76, 61.554, 98.623
Yxy	49.8872, 0.4137, 0.4672
Android (android.graphics.Color)	4291608132 (0xFFCCBE44)
YUV	180.2780, -55.3531, 20.8042
Hunter-Lab	70.6309, -11.9458, 38.7665

Details

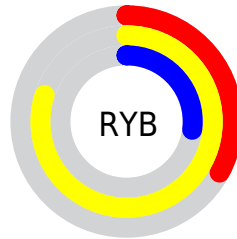
The CIELCh color **76, 61.554, 98.623** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted orange. A complement of this color would be **40, 73.289, 297.495**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 61.241, 101.923**, and **56, 61.211, 98.858** is the 20% darker color. If you saturate the color by 10%, you get **75, 68.242, 97.681**, and if you desaturate by 10%, it is **77, 53.560, 99.631**.

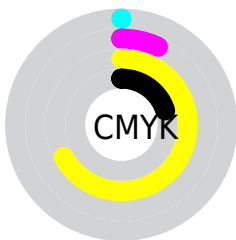
Distribution



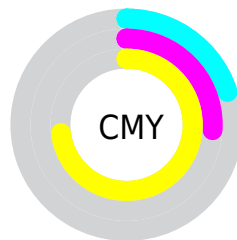
- Red (80%)
- Green (75%)
- Blue (27%)



- Red (33%)
- Yellow (80%)
- Blue (27%)



- Cyan (0%)
- Magenta (7%)
- Yellow (67%)
- Black (20%)



- Cyan (20%)
- Magenta (26%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 61.554, 98.623 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, 61.554, 98.623 by changing the saturation by 10% instead.

■ 76, 61.554, 98.623

■ 76, 61.554, 98.623

■ 100, 61.554,
98.623

■ 66, 61.554, 98.623

■ 96, 61.554, 98.623

■ 56, 61.554, 98.623

■ 46, 61.554, 98.623

■ 36, 61.554, 98.623

■ 26, 61.554, 98.623

■ 16, 61.554, 98.623

■ 6, 61.554, 98.623

■ 0, 61.554, 98.623

■ 76, 61.554, 98.623

■ 76, 61.554, 98.623

75, 68.242, 97.681

77, 53.560, 99.631

75, 73.035, 96.807

78, 44.749,
100.680

74, 75.523, 95.994

78, 35.464,
101.753

74, 76.077, 95.738

79, 25.922,
102.834

80, 16.259,
103.907

81, 6.555, 104.955

82, 3.140, 286.037

83, 12.797,
287.007

85, 22.398,
287.961

Harmonies

Complementary

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



76, 61.554, 98.623



40, 73.289, 297.495

Rectangle

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



76, 61.554, 98.623



76, 61.554, 148.623



76, 61.554, 278.623



76, 61.554, 328.623

Sweetspot

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



76, 61.554, 98.626



98, 23.271, 103.534



49, 58.599, 21.150



52, 15.871, 103.228



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, 61.554, 98.626



92, 83.589, 97.298



76, 70.447, 121.933



43, 5.505, 104.684



61, 65.344, 95.851



13, 19.540, 99.364

Inverse Universe

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



40, 73.289, 297.495



42, 107.007, 301.167



42, 80.710, 309.195



40, 5.601, 286.722



21, 91.797, 304.771



2, 21.849, 289.829

Previews

White Background



This preview shows how the CIELCh color 76, 61.554, 98.623 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, 61.554, 98.623 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, 61.554, 98.623

Background



This preview shows how black text looks on a background with the CIELCh color 76, 61.554, 98.623.



This preview shows how white text looks on a background with the CIELCh color 76, 61.554, 98.623.

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, 61.554, 98.623

Protanopia

76, 61.609, 95.702

Deuteranopia

76, 60.942, 80.974

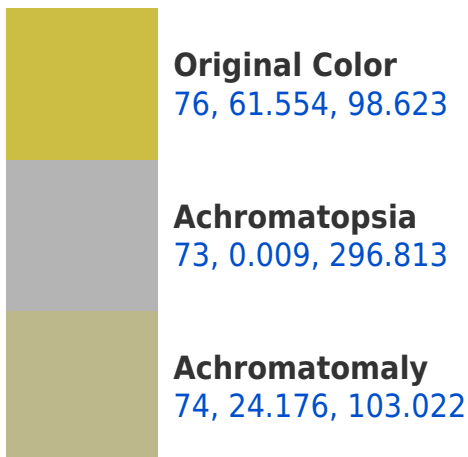


Tritanopia
76, 15.205, 353.477

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 61.554, 98.623 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(204, 190, 68)` looks like.

```
.text, #text, p{  
    color:rgb(204, 190, 68)  
}
```

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(204, 190, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 190, 68) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 61.554, 98.623 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(204, 190, 68) }
```

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

```
.border{ border-color:rgb(204, 190, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 190, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 190, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 190, 68);  
box-shadow:4px 4px 4px 4px rgb(204, 190,  
68) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 61.554, 98.623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 190, 68) }
```

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

```
.background{ background-color: rgb(204,  
190, 68) }
```

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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