

Converting Colors

CIELCh(75, 61.398, 105.788)

Have a look what the booklet for
CIELCh(75, 61.398, 105.788)
contains.

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Color

CIELCh(75, 61.606, 105.952)

Conversions

Conversions Part 1

Format	Color
Hex	BBBF44
RGB	187, 191, 68
RGB Percent	73%, 75%, 27%
CMY	0.2664, 0.2507, 0.7331
CMYK	0.02, 0.00, 0.64, 0.25
HSL	62°, 49%, 51%
HSV	62°, 64%, 75%
XYZ	40.1975, 48.2781, 12.6782
YIQ	175.7820, 37.0990, -39.1010

Conversions

Conversions Part 2

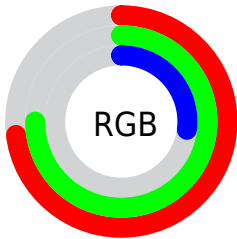
Format	Color
RYB	68, 191, 72
Decimal	12304196
CIELab	75.00, -16.93, 59.23
CIELCh	75, 61.606, 105.952
Yxy	48.2781, 0.3974, 0.4773
Android (android.graphics.Color)	4290494276 (0xFFBBBF44)
YUV	175.7820, -53.1365, 9.8382
Hunter-Lab	69.4824, -18.3271, 37.8193

Details

The CIELCh color **75, 61.606, 105.952** is a dark color, and the websafe version is hex **CCCC66**. A complement of this color would be **37, 74.854, 301.072**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 61.527, 105.733**, and **55, 61.504, 105.909** is the 20% darker color. If you saturate the color by 10%, you get **75, 68.579, 105.392**, and if you desaturate by 10%, it is **75, 53.374, 106.662**.

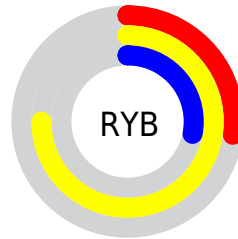
Distribution



Red (73%)

Green (75%)

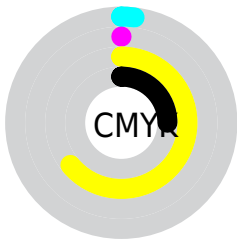
Blue (27%)



Red (27%)

Yellow (75%)

Blue (28%)

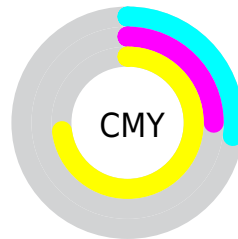


Cyan (2%)

Magenta (0%)

Yellow (64%)

Black (25%)



Cyan (27%)


Magenta (25%)


Yellow (73%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 61.606, 105.952 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 75, 61.606, 105.952 by changing the saturation by 10% instead.


 75, 61.606,
105.952


 75, 61.606,
105.952


 100, 61.606,
105.952


 65, 61.606,
105.952


 95, 61.606,
105.952

 55, 61.606,
105.952

 45, 61.606,
105.952

 35, 61.606,
105.952

 25, 61.606,
105.952

 15, 61.606,
105.952

 5, 61.606, 105.952

0, 61.606, 105.952

75, 61.606,
105.952

75, 61.606,
105.952

75, 68.579,
105.392

75, 53.374,
106.662

75, 73.810,
105.023

75, 44.302,
107.470

75, 76.944,
104.882

76, 34.700,
108.340

75, 78.070,
104.870

76, 24.778,
109.242

77, 14.672,
110.155

77, 4.470, 111.056

■ 78, 5.769, 291.966

■ 78, 16.006,
292.825

■ 79, 26.215,
293.654

Harmonies

Complementary

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



75, 61.606, 105.952



37, 74.854, 301.072

Rectangle

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



75, 61.606, 105.952



75, 61.606, 155.952



75, 61.606, 285.952



75, 61.606, 335.952

Sweetspot

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



75, 61.607, 105.954



96, 23.874, 109.706



47, 55.576, 29.428



52, 16.544, 109.441



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



75, 61.607, 105.954



94, 85.981, 105.225



71, 67.361, 126.933



40, 5.731, 110.612



63, 67.857, 104.842



11, 16.925, 109.700

Inverse Universe

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



37, 74.854, 301.072



39, 110.937, 303.783



42, 73.865, 312.722



36, 5.857, 292.365



18, 93.438, 306.403



1, 17.446, 291.546

Previews

White Background



This preview shows how the CIELCh color 75, 61.606, 105.952 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 75, 61.606, 105.952 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

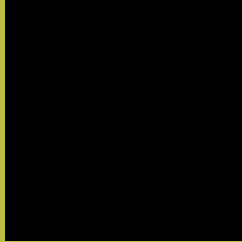
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 61.606, 105.952

Background



This preview shows how black text looks on a background with the CIELCh color 75, 61.606, 105.952.

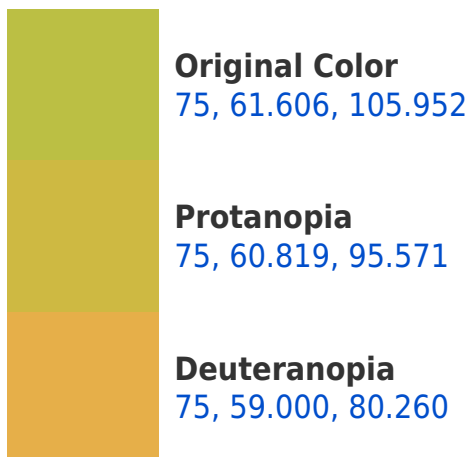


This preview shows how white text looks on a background with the CIELCh color 75, 61.606, 105.952.

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





Tritanopia
75, 10.613, 334.938

Trichromacy



Original Color
75, 61.606, 105.952

Protanomaly
75, 60.659, 99.367

Deuteranomaly
75, 58.414, 90.109

Tritanomaly
75, 19.411, 93.962

Monochromacy



Original Color
75, 61.606, 105.952

Achromatopsia
72, 0.009, 296.813

Achromatomaly
73, 23.641, 108.834

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 61.606, 105.952 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(187, 191, 68)` looks like.

```
.text, #text, p{  
    color:rgb(187, 191, 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(187, 191, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 191, 68) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 61.606, 105.952 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(187, 191, 68) }
```

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

```
.border{ border-color:rgb(187, 191, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 191, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 191, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 191, 68);  
box-shadow:4px 4px 4px 4px rgb(187, 191,  
68) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 61.606, 105.952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 191, 68) }
```

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

```
.background{ background-color: rgb(187,  
191, 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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