

Converting Colors

CIELCh(74, 45.558, 93.015)

Have a look what the booklet for
CIELCh(74, 45.558, 93.015) contains.

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Color

CIELCh(74, 45.452, 93.139)

Conversions

Conversions Part 1

Format	Color
Hex	CCB561
RGB	204, 181, 97
RGB Percent	80%, 71%, 38%
CMY	0.2003, 0.2905, 0.6199
CMYK	0.00, 0.11, 0.52, 0.20
HSL	47°, 51%, 59%
HSV	47°, 52%, 80%
XYZ	43.5418, 46.7039, 18.0112
YIQ	178.3010, 40.6720, -21.2480

Conversions

Conversions Part 2

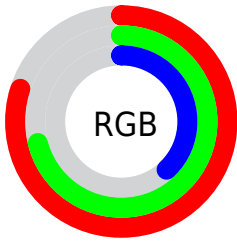
Format	Color
RYB	126, 204, 97
Decimal	13415777
CIELab	74.00, -2.49, 45.38
CIELCh	74, 45.452, 93.139
Yxy	46.7039, 0.4022, 0.4314
Android (android.graphics.Color)	4291605857 (0xFFCCB561)
YUV	178.3010, -40.0814, 22.5380
Hunter-Lab	68.3403, -5.8675, 32.2122

Details

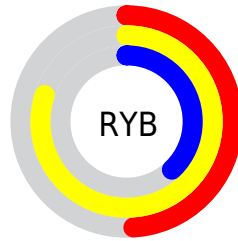
The CIELCh color **74, 45.452, 93.139** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **52, 48.767, 288.531**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 44.651, 97.280**, and **54, 45.104, 93.095** is the 20% darker color. If you saturate the color by 10%, you get **73, 53.516, 91.858**, and if you desaturate by 10%, it is **75, 36.951, 94.406**.

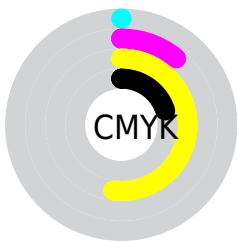
Distribution



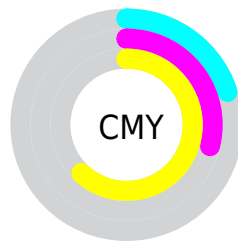
- Red (80%)
- Green (71%)
- Blue (38%)



- Red (49%)
- Yellow (80%)
- Blue (38%)



- Cyan (0%)
- Magenta (11%)
- Yellow (52%)
- Black (20%)



- Cyan (20%)
- Magenta (29%)
- Yellow (62%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 45.452, 93.139 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 74, 45.452, 93.139 by changing the saturation by 10% instead.

 74, 45.452, 93.139

 74, 45.452, 93.139

 100, 45.452,
93.139

 64, 45.452, 93.139

 94, 45.452, 93.139

 54, 45.452, 93.139

 44, 45.452, 93.139

 34, 45.452, 93.139

 24, 45.452, 93.139

 14, 45.452, 93.139

 4, 45.452, 93.139

 0, 45.452, 93.139

 74, 45.452, 93.139

 74, 45.452, 93.139

73, 53.516, 91.858

75, 36.951, 94.406

71, 60.742, 90.544

77, 28.255, 95.650

70, 66.542, 89.168

78, 19.504, 96.867

69, 70.230, 87.668

80, 10.777, 98.049

68, 71.703, 86.443

82, 2.114, 99.138

83, 6.462, 280.354

85, 14.942,
281.405

87, 20.729,
280.861

88, 18.746,
274.902

Harmonies

Complementary

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



74, 45.452, 93.139



52, 48.767, 288.531

Rectangle

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



74, 45.452, 93.139



74, 45.452, 143.139



74, 45.452, 273.139



74, 45.452, 323.139

Sweetspot

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



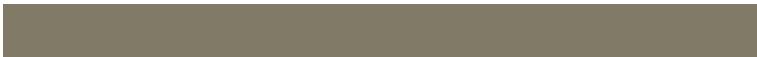
74, 45.453, 93.142



97, 16.612, 97.612



55, 45.313, 9.475



51, 11.226, 97.366



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



74, 45.453, 93.142



89, 64.566, 91.682



78, 56.013, 118.181



42, 4.897, 98.402



56, 61.548, 86.722



12, 17.243, 90.681

Inverse Universe

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



52, 48.767, 288.531



57, 71.553, 291.544



49, 63.150, 305.345



40, 4.948, 280.647



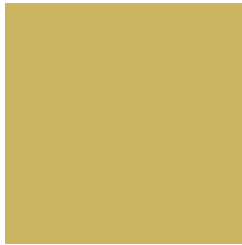
24, 82.778, 301.712



3, 20.070, 286.479

Previews

White Background



This preview shows how the CIELCh color 74, 45.452, 93.139 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 74, 45.452, 93.139 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 74, 45.452, 93.139

Background



This preview shows how black text looks on a background with the CIELCh color 74, 45.452, 93.139.

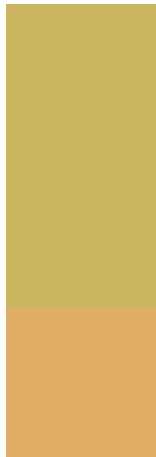


This preview shows how white text looks on a background with the CIELCh color 74, 45.452, 93.139.

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

74, 45.452, 93.139

Protanopia

74, 45.424, 95.915

Deuteranopia

74, 45.690, 77.563



Tritanopia
74, 17.040, 356.721

Trichromacy



Original Color
74, 45.452, 93.139

Protanomaly
74, 45.510, 95.377

Deuteranomaly
74, 45.298, 83.345

Tritanomaly
74, 18.648, 61.534

Monochromacy



Original Color
74, 45.452, 93.139

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 16.499, 97.415

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 45.452, 93.139 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, 181, 97)` looks like.

```
.text, #text, p{  
    color:rgb(204, 181, 97)  
}
```

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, 181, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 181, 97) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 45.452, 93.139 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, 181, 97) }
```

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

```
.border{ border-color:rgb(204, 181, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 181, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 181, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 181, 97);  
box-shadow:4px 4px 4px 4px rgb(204, 181,  
97) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 45.452, 93.139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 181, 97) }
```

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

```
.background{ background-color: rgb(204,  
181, 97) }
```

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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