

Converting Colors

CIELCh(74, 45.818, 122.160)

Have a look what the booklet for
CIELCh(74, 45.818, 122.160)
contains.

CIELCh(74, 45.801, 122.116)	3
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Color

CIELCh(74, 45.801, 122.116)

Conversions

Conversions Part 1

Format	Color
Hex	A2C16D
RGB	162, 193, 109
RGB Percent	64%, 76%, 43%
CMY	0.3662, 0.2447, 0.5740
CMYK	0.16, 0.00, 0.44, 0.24
HSL	82°, 40%, 59%
HSV	82°, 44%, 76%
XYZ	36.5455, 46.7039, 21.4539
YIQ	174.1550, 8.4880, -32.6960

Conversions

Conversions Part 2

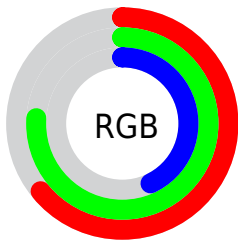
Format	Color
RYB	109, 193, 140
Decimal	10666349
CIELab	74.00, -24.35, 38.79
CIELCh	74, 45.801, 122.116
Yxy	46.7039, 0.3490, 0.4461
Android (android.graphics.Color)	4288856429 (0xFFA2C16D)
YUV	174.1550, -32.1214, -10.6599
Hunter-Lab	68.3403, -24.1412, 29.2254

Details

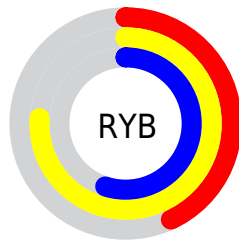
The CIELCh color **74, 45.801, 122.116** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **52, 49.775, 307.136**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 45.970, 122.289**, and **54, 45.557, 121.839** is the 20% darker color. If you saturate the color by 10%, you get **73, 55.536, 121.693**, and if you desaturate by 10%, it is **75, 35.598, 122.618**.

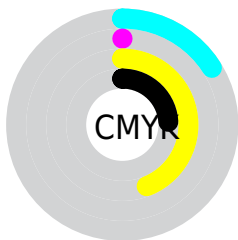
Distribution



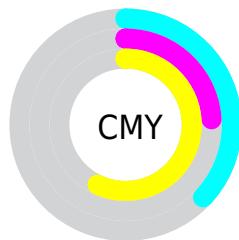
- Red (64%)
- Green (76%)
- Blue (43%)



- Red (43%)
- Yellow (76%)
- Blue (55%)



- Cyan (16%)
- Magenta (0%)
- Yellow (44%)
- Black (24%)





- Cyan (37%)
- Magenta (24%)
- Yellow (57%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 45.801, 122.116 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, 45.801, 122.116 by changing the saturation by 10% instead.


 74, 45.801,
122.116


 74, 45.801,
122.116


 100, 45.801,
122.116


 64, 45.801,
122.116


 94, 45.801,
122.116

 54, 45.801,
122.116

 44, 45.801,
122.116

 34, 45.801,
122.116

 24, 45.801,
122.116

 14, 45.801,
122.116

 4, 45.801, 122.116

■ 0, 45.801, 122.116

■ 74, 45.801,
122.116

■ 74, 45.801,
122.116

■ 73, 55.536,
121.693

■ 75, 35.598,
122.618

■ 73, 64.509,
121.409

■ 76, 25.118,
123.149

■ 72, 72.329,
121.363

■ 77, 14.498,
123.683

■ 72, 78.530,
121.670

■ 78, 3.828, 124.213

■ 71, 82.733,
122.435

■ 79, 6.827, 304.675

■ 71, 84.630,
123.095

■ 80, 17.422,
305.141

■ 81, 27.925,

305.568

■ 82, 34.373,
307.370

■ 83, 35.012,
311.213

Harmonies

Complementary

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



74, 45.801, 122.116



52, 49.775, 307.136

Rectangle

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



74, 45.801, 122.116



74, 45.801, 172.116



74, 45.801, 302.116



74, 45.801, 352.116

Sweetspot

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



74, 45.802, 122.118



97, 17.124, 123.703



62, 29.424, 56.138



51, 11.979, 123.585



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



74, 45.802, 122.118



93, 66.653, 121.721



72, 52.704, 138.048



41, 6.074, 123.906



60, 73.865, 122.881



11, 20.159, 127.155

Inverse Universe

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



52, 49.775, 307.136



60, 74.018, 307.830



57, 53.229, 322.734



38, 6.177, 304.860



22, 90.645, 309.449



2, 19.860, 301.110

Previews

White Background



This preview shows how the CIELCh color 74, 45.801, 122.116 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 74, 45.801, 122.116 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, 45.801, 122.116

Background



This preview shows how black text looks on a background with the CIELCh color 74, 45.801, 122.116.

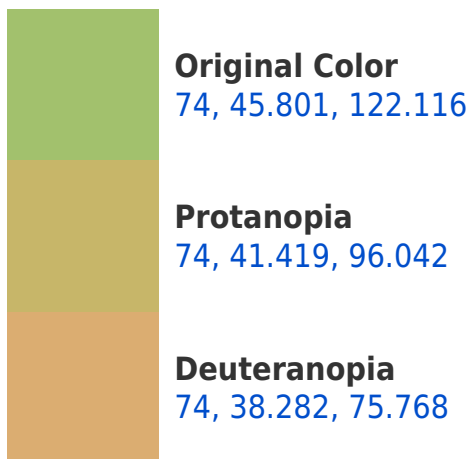


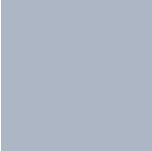
This preview shows how white text looks on a background with the CIELCh color 74, 45.801, 122.116.

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
74, 8.666, 269.322

Trichromacy



Original Color
74, 45.801, 122.116

Protanomaly
74, 42.077, 106.672

Deuteranomaly
73, 37.575, 94.763

Tritanomaly
74, 13.092, 138.583

Monochromacy



Original Color
74, 45.801, 122.116

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 17.416, 124.177

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 45.801, 122.116 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(162, 193, 109)` looks like.

```
.text, #text, p{  
    color:rgb(162, 193, 109)  
}
```

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(162, 193, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 193, 109) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 45.801, 122.116 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(162, 193, 109) }
```

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

```
.border{ border-color:rgb(162, 193, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 193, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 193, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 193, 109);  
box-shadow:4px 4px 4px 4px rgb(162, 193,  
109) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 45.801, 122.116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 193, 109) }
```

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

```
.background{ background-color: rgb(162,  
193, 109) }
```

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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