

Converting Colors

CIELCh(74, 42.141, 128.237)

Have a look what the booklet for
CIELCh(74, 42.141, 128.237)
contains.

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Color

CIELCh(74, 42.106, 128.246)

Conversions

Conversions Part 1

Format	Color
Hex	9BC278
RGB	155, 194, 120
RGB Percent	61%, 76%, 47%
CMY	0.3935, 0.2406, 0.5307
CMYK	0.20, 0.00, 0.38, 0.24
HSL	92°, 38%, 61%
HSV	92°, 38%, 76%
XYZ	36.0306, 46.7039, 24.7777
YIQ	173.9030, 0.5100, -31.2820

Conversions

Conversions Part 2

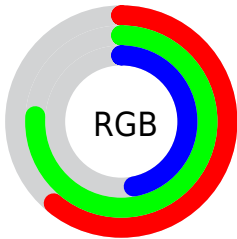
Format	Color
RYB	120, 194, 159
Decimal	10207864
CIELab	74.00, -26.07, 33.07
CIELCh	74, 42.106, 128.246
Yxy	46.7039, 0.3351, 0.4344
Android (android.graphics.Color)	4288397944 (0xFF9BC278)
YUV	173.9030, -26.5742, -16.5779
Hunter-Lab	68.3403, -25.4862, 26.3418

Details

The CIELCh color **74, 42.106, 128.246** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **57, 44.302, 311.837**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 42.416, 128.513**, and **54, 42.066, 128.318** is the 20% darker color. If you saturate the color by 10%, you get **73, 52.642, 127.798**, and if you desaturate by 10%, it is **75, 31.231, 128.728**.

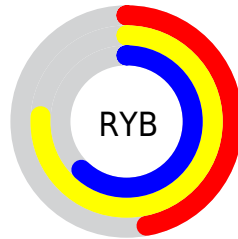
Distribution



Red (61%)

Green (76%)

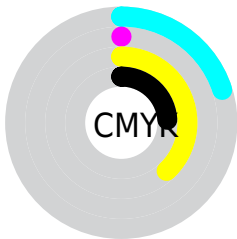
Blue (47%)



Red (47%)

Yellow (76%)

Blue (62%)

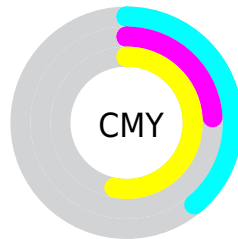


Cyan (20%)

Magenta (0%)

Yellow (38%)

Black (24%)



Cyan (39%)

Magenta (24%)

Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 42.106, 128.246 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, 42.106, 128.246 by changing the saturation by 10% instead.


 74, 42.106,
128.246


 74, 42.106,
128.246


 100, 42.106,
128.246


 64, 42.106,
128.246


 94, 42.106,
128.246

 54, 42.106,
128.246

 44, 42.106,
128.246

 34, 42.106,
128.246

 24, 42.106,
128.246

 14, 42.106,
128.246

 4, 42.106, 128.246

■ 0, 42.106, 128.246

■ 74, 42.106,
128.246

■ 74, 42.106,
128.246

■ 73, 52.642,
127.798

■ 75, 31.231,
128.728

■ 72, 62.590,
127.436

■ 76, 20.182,
129.209

■ 72, 71.608,
127.244

■ 77, 9.080, 129.673

■ 71, 79.253,
127.338

■ 79, 1.993, 310.022

■ 70, 85.062,
127.843

■ 80, 12.977,
310.464

■ 70, 88.895,
128.794

■ 81, 23.831,
310.820

■ 83, 34.418,

■ 70, 89.503,
128.966

311.195

■ 84, 35.596,
316.620

■ 85, 37.061,
321.752

Harmonies

Complementary

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



74, 42.106, 128.246



57, 44.302, 311.837

Rectangle

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



74, 42.106, 128.246



74, 42.106, 178.246



74, 42.106, 308.246



74, 42.106, 358.246

Sweetspot

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



74, 42.108, 128.247



97, 15.113, 129.537



67, 26.195, 72.378



52, 10.240, 129.473



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, 42.108, 128.247



93, 62.412, 127.860



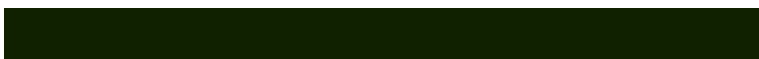
72, 48.022, 142.036



40, 6.281, 129.620



59, 77.756, 128.741



11, 21.313, 133.370

Inverse Universe

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



57, 44.302, 311.837



67, 66.500, 312.270



60, 47.947, 326.943



38, 6.361, 310.405



25, 87.722, 312.652



2, 20.313, 306.323

Previews

White Background



This preview shows how the CIELCh color 74, 42.106, 128.246 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, 42.106, 128.246 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, 42.106, 128.246

Background



This preview shows how black text looks on a background with the CIELCh color 74, 42.106, 128.246.



This preview shows how white text looks on a background with the CIELCh color 74, 42.106, 128.246.

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, 42.106, 128.246

Protanopia

74, 35.932, 95.149

Deuteranopia

74, 32.880, 73.807



Tritanopia
74, 10.143, 252.558

Trichromacy



Original Color
74, 42.106, 128.246

Protanomaly
74, 36.574, 109.246

Deuteranomaly
73, 32.014, 97.281

Tritanomaly
74, 13.814, 153.623

Monochromacy



Original Color
74, 42.106, 128.246

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 15.617, 129.065

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 42.106, 128.246 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(155, 194, 120)` looks like.

```
.text, #text, p{  
    color:rgb(155, 194, 120)  
}
```

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(155, 194, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 194, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 42.106, 128.246 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(155, 194, 120) }
```

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

```
.border{ border-color:rgb(155, 194, 120) }
```

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

Here you see how a box with a 4 pixel rgb(155, 194, 120) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 194, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 194, 120);  
box-shadow:4px 4px 4px 4px rgb(155, 194,  
120) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 42.106, 128.246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 194, 120) }
```

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

```
.background{ background-color: rgb(155,  
194, 120) }
```

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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