

Converting Colors

CIELCh(78, 74.259, 114.857)

Have a look what the booklet for
CIELCh(78, 74.259, 114.857)
contains.

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Color

CIELCh(78, 74.269, 114.863)

Conversions

Conversions Part 1

Format	Color
Hex	ACCE35
RGB	172, 206, 53
RGB Percent	67%, 81%, 21%
CMY	0.3252, 0.1919, 0.7918
CMYK	0.17, 0.00, 0.74, 0.19
HSL	73°, 61%, 51%
HSV	73°, 74%, 81%
XYZ	39.7608, 53.2120, 11.5530
YIQ	178.3920, 28.8490, -54.7910

Conversions

Conversions Part 2

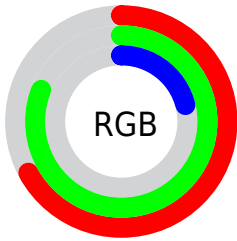
Format	Color
RYB	53, 206, 87
Decimal	11324981
CIELab	78.00, -31.23, 67.39
CIELCh	78, 74.269, 114.863
Yxy	53.2120, 0.3804, 0.5091
Android (android.graphics.Color)	4289515061 (0xFFACCE35)
YUV	178.3920, -61.8183, -5.6058
Hunter-Lab	72.9466, -30.3619, 41.6725

Details

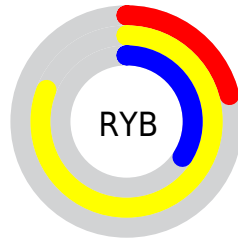
The CIELCh color **78, 74.269, 114.863** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **36, 91.102, 306.138**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 70.353, 113.099**, and **58, 68.280, 116.840** is the 20% darker color. If you saturate the color by 10%, you get **78, 80.140, 115.007**, and if you desaturate by 10%, it is **78, 66.586, 115.042**.

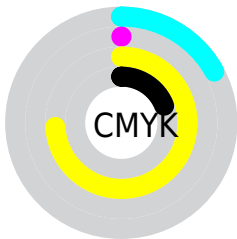
Distribution



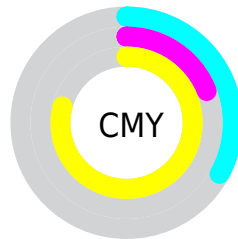
- Red (67%)
- Green (81%)
- Blue (21%)



- Red (21%)
- Yellow (81%)
- Blue (34%)



- Cyan (17%)
- Magenta (0%)
- Yellow (74%)
- Black (19%)





- Cyan (33%)
- Magenta (19%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 74.269, 114.863 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 78, 74.269, 114.863 by changing the saturation by 10% instead.

 78, 74.269,
114.863

 78, 74.269,
114.863

 100, 74.269,
114.863


 68, 74.269,
114.863


 98, 74.269,
114.863

 58, 74.269,
114.863

 48, 74.269,
114.863

 38, 74.269,
114.863

 28, 74.269,
114.863

 18, 74.269,
114.863

 8, 74.269, 114.863

■ 0, 74.269, 114.863

■ 78, 74.269,
114.863

■ 78, 74.269,
114.863

■ 78, 80.140,
115.007

■ 78, 66.586,
115.042

■ 77, 83.819,
115.552

■ 79, 57.596,
115.441

■ 77, 85.200,
116.000

■ 80, 47.736,
115.981

■ 80, 37.330,
116.600

■ 81, 26.594,
117.257

■ 82, 15.674,
117.923

■ 82, 4.667, 118.581

■ 83, 6.362, 299.208

■ 84, 17.368,
299.815

Harmonies

Complementary

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



78, 74.269, 114.863



36, 91.102, 306.138

Rectangle

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



78, 74.269, 114.863



78, 74.269, 164.863



78, 74.269, 294.863



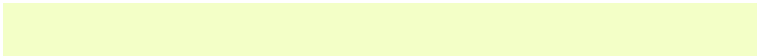
78, 74.269, 344.863

Sweetspot

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



78, 74.269, 114.865



98, 28.717, 117.388



52, 62.190, 42.853



52, 19.271, 117.205



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



78, 74.269, 114.865



94, 96.955, 115.274



74, 84.796, 132.684



43, 6.196, 118.243



63, 72.402, 115.817



14, 22.512, 117.958

Inverse Universe

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



36, 91.102, 306.138



37, 124.975, 307.263



45, 88.149, 318.767



40, 6.322, 299.488



21, 95.113, 307.517



2, 23.754, 298.156

Previews

White Background



This preview shows how the CIELCh color 78, 74.269, 114.863 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 78, 74.269, 114.863 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 78, 74.269, 114.863

Background



This preview shows how black text looks on a background with the CIELCh color 78, 74.269, 114.863.



This preview shows how white text looks on a background with the CIELCh color 78, 74.269, 114.863.

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
78, 8.139, 280.885

Trichromacy



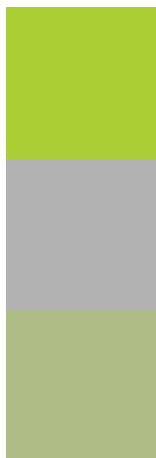
Original Color
78, 74.269, 114.863

Protanomaly
78, 70.431, 102.983

Deuteranomaly
77, 66.142, 94.402

Tritanomaly
77, 25.110, 121.487

Monochromacy



Original Color
78, 74.269, 114.863

Achromatopsia
73, 0.009, 296.813

Achromatomaly
74, 29.694, 116.766

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 74.269, 114.863 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(172, 206, 53)` looks like.

```
.text, #text, p{  
    color:rgb(172, 206, 53)  
}
```

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(172, 206, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 206, 53) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 74.269, 114.863 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(172, 206, 53) }
```

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

```
.border{ border-color:rgb(172, 206, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 206, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 206, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 206, 53);  
box-shadow:4px 4px 4px 4px rgb(172, 206,  
53) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 74.269, 114.863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 206, 53) }
```

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

```
.background{ background-color: rgb(172,  
206, 53) }
```

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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