

Converting Colors

CIELCh(74, 35.813, 133.749)

Have a look what the booklet for
CIELCh(74, 35.813, 133.749)
contains.

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Color

CIELCh(74, 35.845, 133.739)

Conversions

Conversions Part 1

Format	Color
Hex	98C185
RGB	152, 193, 133
RGB Percent	60%, 76%, 52%
CMY	0.4026, 0.2418, 0.4771
CMYK	0.21, 0.00, 0.31, 0.24
HSL	101°, 33%, 64%
HSV	101°, 31%, 76%
XYZ	36.4151, 46.7039, 29.4042
YIQ	173.9010, -5.1760, -27.3520

Conversions

Conversions Part 2

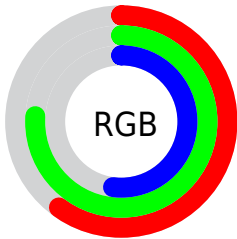
Format	Color
RYB	133, 193, 174
Decimal	10011013
CIELab	74.00, -24.78, 25.90
CIELCh	74, 35.845, 133.739
Yxy	46.7039, 0.3236, 0.4151
Android (android.graphics.Color)	4288201093 (0xFF98C185)
YUV	173.9010, -20.1642, -19.2072
Hunter-Lab	68.3403, -24.4817, 22.3280

Details

The CIELCh color **74, 35.845, 133.739** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **61, 36.741, 316.524**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 35.874, 134.004**, and **54, 35.550, 133.692** is the 20% darker color. If you saturate the color by 10%, you get **73, 47.162, 133.198**, and if you desaturate by 10%, it is **75, 24.319, 134.260**.

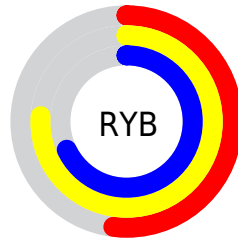
Distribution



Red (60%)

Green (76%)

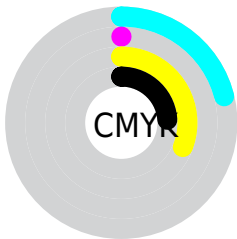
Blue (52%)



Red (52%)

Yellow (76%)

Blue (68%)

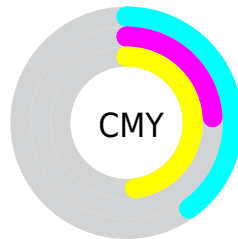


Cyan (21%)

Magenta (0%)

Yellow (31%)

Black (24%)



Cyan (40%)


Magenta (24%)


Yellow (48%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 35.845, 133.739 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, 35.845, 133.739 by changing the saturation by 10% instead.


 74, 35.845,
133.739

 74, 35.845,
133.739


 100, 35.845,
133.739


 64, 35.845,
133.739


 94, 35.845,
133.739


 54, 35.845,
133.739

 44, 35.845,
133.739

 34, 35.845,
133.739

 24, 35.845,
133.739

 14, 35.845,
133.739

 4, 35.845, 133.739

0, 35.845, 133.739

74, 35.845,
133.739

74, 35.845,
133.739

73, 47.162,
133.198

75, 24.319,
134.260

72, 58.052,
132.667

77, 12.730,
134.744

71, 68.225,
132.205

78, 1.189, 135.304

70, 77.284,
131.903

80, 10.227,
315.525

70, 84.747,
131.883

81, 21.466,
315.869

69, 90.160,
132.265

83, 32.489,
316.163

■ 69, 93.382,
132.877

■ 84, 36.982,
320.951

■ 85, 38.663,
325.767

Harmonies

Complementary

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



74, 35.845, 133.739



61, 36.741, 316.524

Rectangle

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



74, 35.845, 133.739



74, 35.845, 183.739



74, 35.845, 313.739



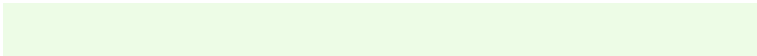
74, 35.845, 3.739

Sweetspot

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



74, 35.847, 133.740



97, 12.872, 134.832



72, 23.247, 87.148



52, 9.024, 134.763



0, 0.000, 0.000



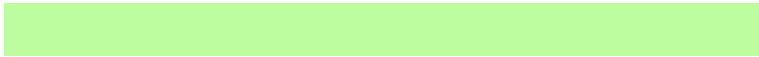
53, 0.007, 296.813

Same Dimension

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



74, 35.847, 133.740



93, 52.913, 133.386



73, 35.238, 147.072



40, 6.542, 134.822



58, 81.223, 132.694



10, 22.331, 137.672

Inverse Universe

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



61, 36.741, 316.524



75, 54.514, 316.803



63, 35.337, 331.305



38, 6.598, 315.574



29, 84.978, 316.944



3, 21.100, 312.443

Previews

White Background



This preview shows how the CIELCh color 74, 35.845, 133.739 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, 35.845, 133.739 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

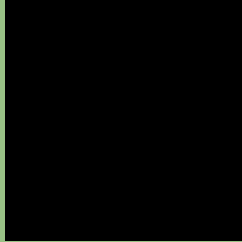
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 35.845, 133.739

Background



This preview shows how black text looks on a background with the CIELCh color 74, 35.845, 133.739.



This preview shows how white text looks on a background with the CIELCh color 74, 35.845, 133.739.

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, 35.845, 133.739

Protanopia

74, 29.090, 95.008

Deuteranopia

74, 25.533, 68.956



Tritanopia
74, 10.991, 246.859

Trichromacy



Original Color
74, 35.845, 133.739

Protanomaly
74, 29.411, 111.311

Deuteranomaly
73, 24.510, 98.192

Tritanomaly
74, 12.537, 167.215

Monochromacy



Original Color
74, 35.845, 133.739

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 13.278, 134.648

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 35.845, 133.739 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(152, 193, 133)` looks like.

```
.text, #text, p{  
    color:rgb(152, 193, 133)  
}
```

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(152, 193, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 193, 133) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 35.845, 133.739 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(152, 193, 133) }
```

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

```
.border{ border-color:rgb(152, 193, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 193, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 193, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 193, 133);  
box-shadow:4px 4px 4px 4px rgb(152, 193,  
133) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 35.845, 133.739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 193, 133) }
```

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

```
.background{ background-color: rgb(152,  
193, 133) }
```

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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