

Converting Colors

CIELCh(74, 34.541, 129.375)

Have a look what the booklet for
CIELCh(74, 34.541, 129.375)
contains.

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Color

CIELCh(74, 34.541, 129.375)

Conversions

Conversions Part 1

Format	Color
Hex	9FC084
RGB	159, 192, 132
RGB Percent	62%, 75%, 52%
CMY	0.3767, 0.2473, 0.4826
CMYK	0.17, 0.00, 0.31, 0.25
HSL	93°, 32%, 64%
HSV	93°, 31%, 75%
XYZ	37.2853, 46.7039, 28.8599
YIQ	175.2930, -0.4080, -25.6560

Conversions

Conversions Part 2

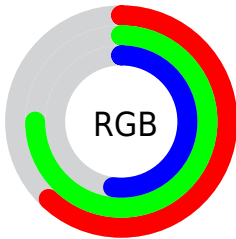
Format	Color
RYB	132, 192, 165
Decimal	10469508
CIELab	74.00, -21.91, 26.70
CIELCh	74, 34.541, 129.375
Yxy	46.7039, 0.3304, 0.4139
Android (android.graphics.Color)	4288659588 (0xFF9FC084)
YUV	175.2930, -21.3434, -14.2890
Hunter-Lab	68.3403, -22.2090, 22.8002

Details

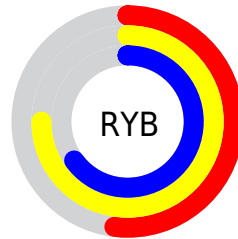
The CIELCh color $74, 34.541, 129.375$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $60, 35.894, 312.230$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 35.107, 129.517$, and $54, 34.141, 129.099$ is the 20% darker color. If you saturate the color by 10%, you get $73, 45.334, 128.897$, and if you desaturate by 10%, it is $75, 23.538, 129.859$.

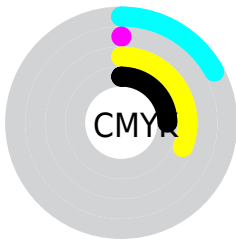
Distribution



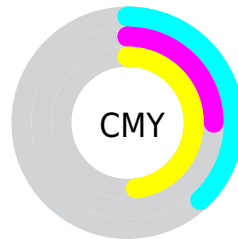
- Red (62%)
- Green (75%)
- Blue (52%)



- Red (52%)
- Yellow (75%)
- Blue (65%)



- Cyan (17%)
- Magenta (0%)
- Yellow (31%)
- Black (25%)





- Cyan (38%)
- Magenta (25%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 34.541, 129.375 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, 34.541, 129.375 by changing the saturation by 10% instead.


 74, 34.541,
129.375


 74, 34.541,
129.375


 100, 34.541,
129.375


 64, 34.541,
129.375


 94, 34.541,
129.375

 54, 34.541,
129.375

 44, 34.541,
129.375

 34, 34.541,
129.375

 24, 34.541,
129.375

 14, 34.541,
129.375

 4, 34.541, 129.375

■ 0, 34.541, 129.375

■ 74, 34.541,
129.375

■ 74, 34.541,
129.375

■ 73, 45.334,
128.897

■ 75, 23.538,
129.859

■ 72, 55.720,
128.461

■ 76, 12.452,
130.326

■ 71, 65.430,
128.128

■ 78, 1.380, 130.840

■ 71, 74.089,
127.993

■ 79, 9.613, 311.126

■ 70, 81.234,
128.179

■ 80, 20.479,
311.488

■ 70, 86.437,
128.804

■ 82, 31.186,
311.808

■ 83, 36.230,

■ 69, 89.545,
129.645

315.156

■ 84, 37.654,
320.410

■ 85, 39.359,
325.334

Harmonies

Complementary

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



74, 34.541, 129.375



60, 35.894, 312.230

Rectangle

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



74, 34.541, 129.375



74, 34.541, 179.375



74, 34.541, 309.375



74, 34.541, 359.375

Sweetspot

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



74, 34.543, 129.376



97, 12.325, 130.422



69, 21.355, 76.609



51, 8.567, 130.355



99, 0.012, 296.813



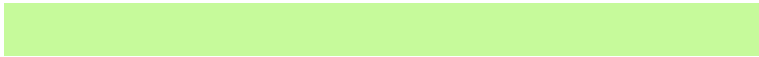
52, 0.007, 296.813

Same Dimension

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



74, 34.543, 129.376



93, 51.830, 129.022



72, 38.301, 143.586



40, 6.316, 130.412



59, 78.309, 129.433



11, 21.473, 134.104

Inverse Universe

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



60, 35.894, 312.230



72, 54.393, 312.594



63, 38.301, 327.543



38, 6.393, 311.185



26, 87.296, 313.215



2, 20.404, 307.167

Previews

White Background



This preview shows how the CIELCh color 74, 34.541, 129.375 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, 34.541, 129.375 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, 34.541, 129.375

Background



This preview shows how black text looks on a background with the CIELCh color 74, 34.541, 129.375.

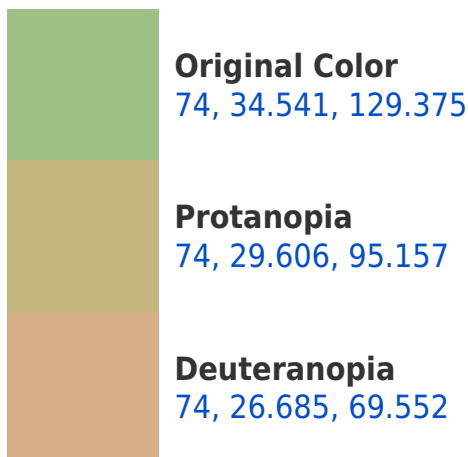


This preview shows how white text looks on a background with the CIELCh color 74, 34.541, 129.375.

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, 9.128, 255.522

Trichromacy



Original Color
74, 34.541, 129.375

Protanomaly
74, 29.864, 108.853

Deuteranomaly
74, 25.276, 95.556

Tritanomaly
74, 10.841, 158.178

Monochromacy



Original Color
74, 34.541, 129.375

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 12.804, 130.129

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 34.541, 129.375 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(159, 192, 132)` looks like.

```
.text, #text, p{  
    color:rgb(159, 192, 132)  
}
```

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(159, 192, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 192, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 34.541, 129.375 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(159, 192, 132) }
```

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

```
.border{ border-color:rgb(159, 192, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 192, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 192, 132); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 192, 132); box-shadow:4px 4px 4px 4px rgb(159, 192, 132) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 34.541, 129.375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 192, 132) }
```

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

```
.background{ background-color: rgb(159,  
192, 132) }
```

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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