

Converting Colors

CIELCh(74, 35.128, 135.848)

Have a look what the booklet for
CIELCh(74, 35.128, 135.848)
contains.

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Color

CIELCh(74, 35.427, 136.064)

Conversions

Conversions Part 1

Format	Color
Hex	96C288
RGB	150, 194, 136
RGB Percent	59%, 76%, 53%
CMY	0.4127, 0.2402, 0.4676
CMYK	0.23, 0.00, 0.30, 0.24
HSL	106°, 32%, 65%
HSV	106°, 30%, 76%
XYZ	36.1962, 46.7039, 30.3118
YIQ	174.2320, -7.6060, -27.3660

Conversions

Conversions Part 2

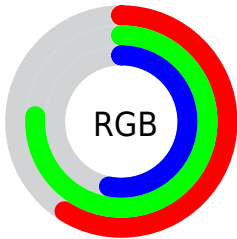
Format	Color
RYB	136, 194, 180
Decimal	9880200
CIELab	74.00, -25.51, 24.58
CIELCh	74, 35.427, 136.064
Yxy	46.7039, 0.3197, 0.4125
Android (android.graphics.Color)	4288070280 (0xFF96C288)
YUV	174.2320, -18.8484, -21.2515
Hunter-Lab	68.3403, -25.0535, 21.5406

Details

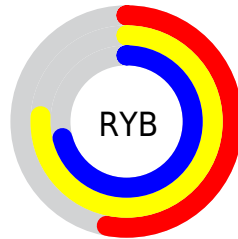
The CIELCh color $74, 35.427, 136.064$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $63, 36.035, 318.850$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 35.466, 136.229$, and $54, 35.133, 136.140$ is the 20% darker color. If you saturate the color by 10%, you get $73, 47.062, 135.461$, and if you desaturate by 10%, it is $75, 23.592, 136.626$.

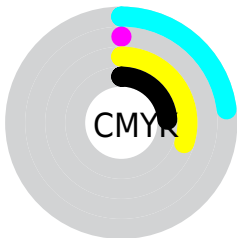
Distribution



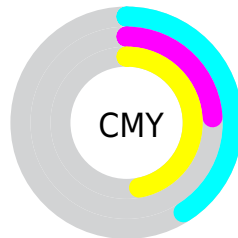
- Red (59%)
- Green (76%)
- Blue (53%)



- Red (53%)
- Yellow (76%)
- Blue (71%)



- Cyan (23%)
- Magenta (0%)
- Yellow (30%)
- Black (24%)





- Cyan (41%)
- Magenta (24%)
- Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 35.427, 136.064 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, 35.427, 136.064 by changing the saturation by 10% instead.


 74, 35.427,
136.064


 74, 35.427,
136.064


 100, 35.427,
136.064


 64, 35.427,
136.064


 94, 35.427,
136.064

 54, 35.427,
136.064

 44, 35.427,
136.064

 34, 35.427,
136.064

 24, 35.427,
136.064

 14, 35.427,
136.064

 4, 35.427, 136.064

0, 35.427, 136.064

74, 35.427,
136.064

74, 35.427,
136.064

73, 47.062,
135.461

75, 23.592,
136.626

72, 58.268,
134.841

77, 11.712,
137.138

71, 68.746,
134.256

78, 0.093, 315.493

70, 78.094,
133.791

80, 11.741,
317.936

70, 85.818,
133.564

82, 23.175,
318.279

69, 91.441,
133.699

84, 34.358,
318.570

■ 69, 94.995,
134.144

■ 85, 38.002,
324.676

■ 69, 95.018,
134.146

■ 85, 38.411,
325.758

Harmonies

Complementary

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



74, 35.427, 136.064



63, 36.035, 318.850

Rectangle

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



74, 35.427, 136.064



74, 35.427, 186.064



74, 35.427, 316.064



74, 35.427, 6.064

Sweetspot

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



74, 35.429, 136.065



97, 13.156, 137.176



73, 24.164, 93.605



52, 9.224, 137.103



0, 0.000, 0.000



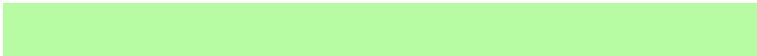
53, 0.007, 296.813

Same Dimension

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



74, 35.429, 136.065



93, 52.707, 135.667



73, 32.007, 150.013



40, 6.687, 137.165



58, 82.540, 133.994



10, 22.772, 139.309

Inverse Universe

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



63, 36.035, 318.850



76, 53.791, 319.130



64, 32.233, 334.361



38, 6.731, 317.943



31, 83.865, 319.369



3, 21.641, 315.660

Previews

White Background



This preview shows how the CIELCh color 74, 35.427, 136.064 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, 35.427, 136.064 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

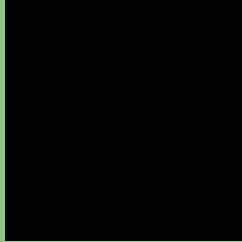
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 35.427, 136.064

Background



This preview shows how black text looks on a background with the CIELCh color 74, 35.427, 136.064.

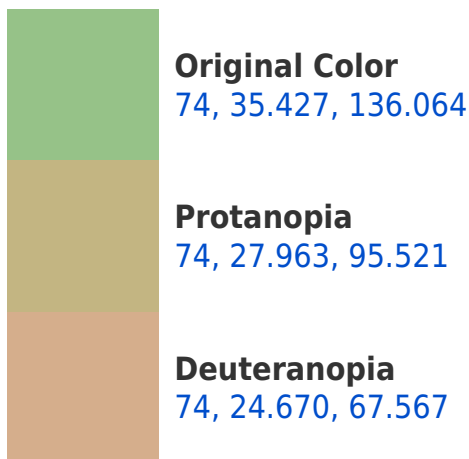


This preview shows how white text looks on a background with the CIELCh color 74, 35.427, 136.064.

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, 11.583, 239.937

Trichromacy



Original Color
74, 35.427, 136.064

Protanomaly
74, 28.940, 113.036

Deuteranomaly
73, 23.391, 98.886

Tritanomaly
74, 13.745, 170.112

Monochromacy



Original Color
74, 35.427, 136.064

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 12.972, 137.154

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 35.427, 136.064 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(150, 194, 136)` looks like.

```
.text, #text, p{  
    color:rgb(150, 194, 136)  
}
```

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(150, 194, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 194, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 35.427, 136.064 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(150, 194, 136) }
```

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

```
.border{ border-color:rgb(150, 194, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 194, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 194, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 194, 136);  
box-shadow:4px 4px 4px 4px rgb(150, 194,  
136) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 35.427, 136.064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 194, 136) }
```

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

```
.background{ background-color: rgb(150,  
194, 136) }
```

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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