

Converting Colors

CIELCh(74, 13.567, 39.902)

Have a look what the booklet for
CIELCh(74, 13.567, 39.902) contains.

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Color

CIELCh(74, 13.515, 41.259)

Conversions

Conversions Part 1

Format	Color
Hex	CFAFA6
RGB	207, 175, 166
RGB Percent	81%, 69%, 65%
CMY	0.1881, 0.3135, 0.3488
CMYK	0.00, 0.15, 0.20, 0.19
HSL	13°, 30%, 73%
HSV	13°, 20%, 81%
XYZ	47.9705, 46.7039, 42.5838
YIQ	183.5420, 21.9610, 3.9850

Conversions

Conversions Part 2

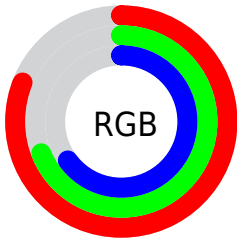
Format	Color
R _Y B	207, 178, 166
Decimal	13610918
CIE Lab	74.00, 10.16, 8.91
CIE LCh	74, 13.515, 41.259
Yxy	46.7039, 0.3495, 0.3403
Android (android.graphics.Color)	4291800998 (0xFFCFafa6)
YUV	183.5420, -8.6482, 20.5727
Hunter-Lab	68.3403, 5.7002, 10.8937

Details

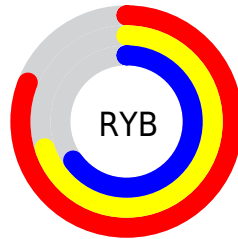
The CIELCh color **74, 13.515, 41.259** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **78, 11.891, 222.736**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 10.223, 49.944**, and **54, 13.404, 43.069** is the 20% darker color. If you saturate the color by 10%, you get **70, 21.199, 41.211**, and if you desaturate by 10%, it is **79, 6.422, 41.417**.

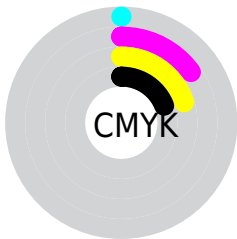
Distribution



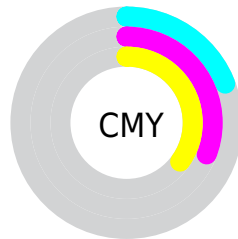
- Red (81%)
- Green (69%)
- Blue (65%)



- Red (81%)
- Yellow (70%)
- Blue (65%)



- Cyan (0%)
- Magenta (15%)
- Yellow (20%)
- Black (19%)



- Cyan (19%)
- Magenta (31%)
- Yellow (35%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 13.515, 41.259 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, 13.515, 41.259 by changing the saturation by 10% instead.

 74, 13.515, 41.259

 74, 13.515, 41.259

 100, 13.515,
41.259

 64, 13.515, 41.259

 94, 13.515, 41.259

 54, 13.515, 41.259

 44, 13.515, 41.259

 34, 13.515, 41.259

 24, 13.515, 41.259

 14, 13.515, 41.259

 4, 13.515, 41.259

 0, 13.515, 41.259

 74, 13.515, 41.259

 74, 13.515, 41.259

70, 21.199, 41.211

79, 6.422, 41.417

65, 29.509, 41.296

83, 0.127, 226.135

61, 38.447, 41.564

88, 6.186, 222.221

57, 47.959, 42.039

93, 11.810,
222.572

54, 57.885, 42.709

97, 15.925,
198.447

51, 67.847, 43.469

48, 76.992, 43.982

46, 84.178, 43.927

46, 84.317, 43.937

Harmonies

Complementary

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



74, 13.515, 41.259



78, 11.891, 222.736

Rectangle

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



74, 13.515, 41.259



74, 13.515, 91.259



74, 13.515, 221.259



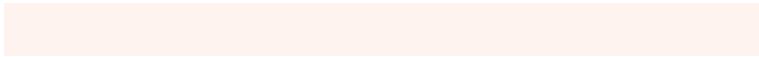
74, 13.515, 271.259

Sweetspot

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



74, 13.514, 41.269



97, 4.584, 41.458



73, 23.031, 332.376



51, 3.049, 41.454



0, 0.000, 0.000



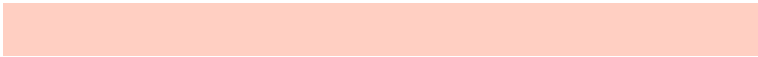
53, 0.007, 296.813

Same Dimension

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



74, 13.514, 41.269



87, 19.758, 41.228



79, 16.254, 92.481



42, 3.741, 41.422



37, 71.906, 44.322



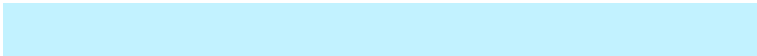
6, 17.586, 31.685

Inverse Universe

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



78, 11.891, 222.736



93, 16.828, 223.035



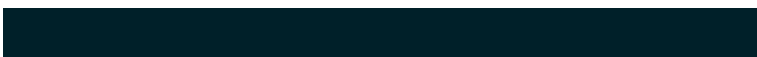
72, 16.364, 277.652



43, 3.533, 222.224



51, 32.544, 239.493



10, 12.209, 230.281

Previews

White Background



This preview shows how the CIELCh color 74, 13.515, 41.259 looks on a white background.

Color Contrast Check

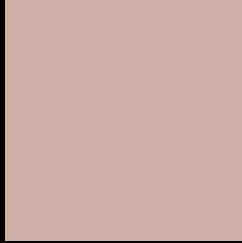
Large Text (above 18pt) WCAG AA × Fail

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, 13.515, 41.259 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

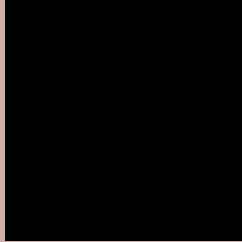
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 13.515, 41.259

Background



This preview shows how black text looks on a background with the CIELCh color 74, 13.515, 41.259.



This preview shows how white text looks on a background with the CIELCh color 74, 13.515, 41.259.

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, 13.515, 41.259

Protanopia

74, 6.995, 86.921

Deuteranopia

74, 12.991, 44.627



Tritanopia

74, 15.864, 352.450

Trichromacy



Original Color
74, 13.515, 41.259

Protanomaly
74, 8.583, 63.315

Deuteranomaly
74, 12.991, 44.627

Tritanomaly
74, 13.766, 7.057

Monochromacy



Original Color
74, 13.515, 41.259

Achromatopsia
75, 0.009, 296.813

Achromatomaly
74, 4.686, 46.949

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 13.515, 41.259 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(207, 175, 166)` looks like.

```
.text, #text, p{  
    color:rgb(207, 175, 166)  
}
```

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(207, 175, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 175, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 13.515, 41.259 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(207, 175, 166) }
```

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

```
.border{ border-color:rgb(207, 175, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 175, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 175, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 175, 166);  
box-shadow:4px 4px 4px 4px rgb(207, 175,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 13.515, 41.259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 175, 166) }
```

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

```
.background{ background-color: rgb(207,  
175, 166) }
```

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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