

Converting Colors

CIELCh(74, 31.755, 22.443)

Have a look what the booklet for
CIELCh(74, 31.755, 22.443) contains.

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Color

CIELCh(74, 31.705, 22.312)

Conversions

Conversions Part 1

Format	Color
Hex	F0A1A1
RGB	240, 161, 161
RGB Percent	94%, 63%, 63%
CMY	0.0580, 0.3678, 0.3678
CMYK	0.00, 0.33, 0.33, 0.06
HSL	0°, 73%, 79%
HSV	0°, 33%, 94%
XYZ	55.2403, 46.7039, 39.9129
YIQ	184.6210, 47.0840, 16.7480

Conversions

Conversions Part 2

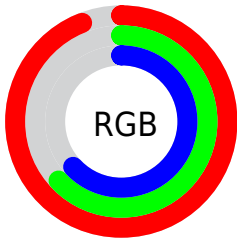
Format	Color
R _Y B	240, 161, 161
Decimal	15770017
CIE Lab	74.00, 29.33, 12.04
CIE LCh	74, 31.705, 22.312
Yxy	46.7039, 0.3894, 0.3292
Android (android.graphics.Color)	4293960097 (0xFFFF0A1A1)
YUV	184.6210, -11.6452, 48.5674
Hunter-Lab	68.3403, 24.6882, 13.2110

Details

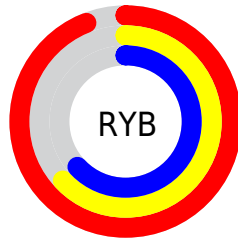
The CIELCh color **74, 31.705, 22.312** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **90, 25.209, 197.801**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 14.463, 20.422**, and **54, 31.464, 22.252** is the 20% darker color. If you saturate the color by 10%, you get **68, 42.789, 23.851**, and if you desaturate by 10%, it is **80, 21.248, 21.141**.

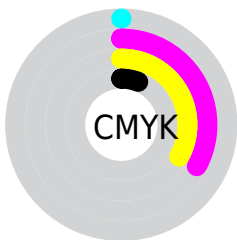
Distribution



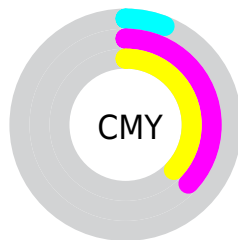
- Red (94%)
- Green (63%)
- Blue (63%)



- Red (94%)
- Yellow (63%)
- Blue (63%)



- Cyan (0%)
- Magenta (33%)
- Yellow (33%)
- Black (6%)



- Cyan (6%)
- Magenta (37%)
- Yellow (37%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 31.705, 22.312 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, 31.705, 22.312 by changing the saturation by 10% instead.

 74, 31.705, 22.312

 74, 31.705, 22.312

 100, 31.705,
22.312

 64, 31.705, 22.312

 94, 31.705, 22.312

 54, 31.705, 22.312

 44, 31.705, 22.312

 34, 31.705, 22.312

 24, 31.705, 22.312

 14, 31.705, 22.312

 4, 31.705, 22.312

 0, 31.705, 22.312

 74, 31.705, 22.312

 74, 31.705, 22.312

68, 42.789, 23.851

80, 21.248, 21.141

63, 54.324, 25.857

86, 11.505, 20.224

58, 66.010, 28.441

93, 2.483, 19.335

55, 77.425, 31.636

99, 5.088, 199.213

52, 87.929, 35.231

51, 96.178, 38.448

50, 99.952, 40.001

Harmonies

Complementary

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



74, 31.705, 22.312



90, 25.209, 197.801

Rectangle

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



74, 31.705, 22.312



74, 31.705, 72.312



74, 31.705, 202.312



74, 31.705, 252.312

Sweetspot

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



74, 31.703, 22.316



93, 9.258, 19.992



76, 49.949, 326.227



49, 6.352, 20.105



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, 31.703, 22.316



74, 40.326, 23.223



83, 26.377, 71.296



47, 4.992, 19.947



38, 81.701, 39.996



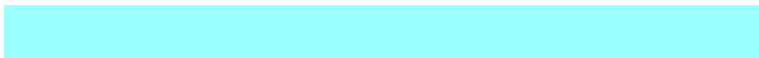
8, 29.834, 23.812

Inverse Universe

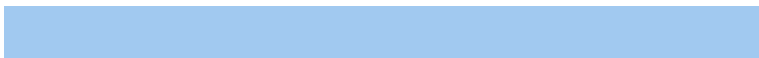
The Inverse Universe completely reimagines the original color for something new.



90, 25.209, 197.801



94, 30.517, 197.549



79, 24.043, 260.775



49, 4.701, 198.976



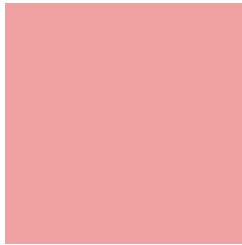
68, 39.151, 196.403



21, 17.091, 196.400

Previews

White Background



This preview shows how the CIELCh color 74, 31.705, 22.312 looks on a white background.

Color Contrast Check

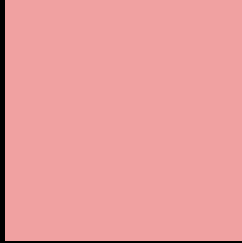
Large Text (above 18pt) WCAG AA × Fail

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, 31.705, 22.312 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

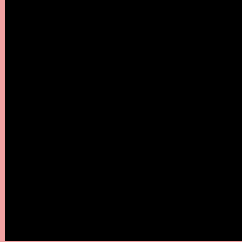
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 31.705, 22.312

Background



This preview shows how black text looks on a background with the CIELCh color 74, 31.705, 22.312.

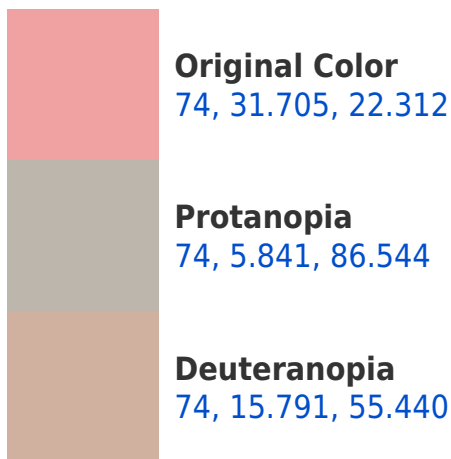


This preview shows how white text looks on a background with the CIELCh color 74, 31.705, 22.312.

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](#).

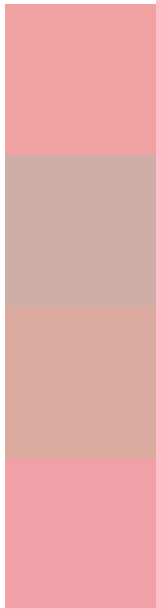
Dichromacy





Tritanopia
74, 32.246, 11.115

Trichromacy



Original Color
74, 31.705, 22.312

Protanomaly
74, 13.335, 34.379

Deuteranomaly
74, 20.607, 37.510

Tritanomaly
74, 32.199, 14.898

Monochromacy



Original Color
74, 31.705, 22.312

Achromatopsia
75, 0.009, 296.813

Achromatomaly
74, 11.147, 20.308

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 31.705, 22.312 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(240, 161, 161)` looks like.

```
.text, #text, p{  
    color:rgb(240, 161, 161)  
}
```

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(240, 161, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 161, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 31.705, 22.312 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(240, 161, 161) }
```

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

```
.border{ border-color:rgb(240, 161, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 161, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 161, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 161, 161);  
box-shadow:4px 4px 4px 4px rgb(240, 161,  
161) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 31.705, 22.312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 161, 161) }
```

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

```
.background{ background-color: rgb(240,  
161, 161) }
```

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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