

Converting Colors

CIELCh(76, 29.190, 23.953)

Have a look what the booklet for
CIELCh(76, 29.190, 23.953) contains.

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Color

CIELCh(76, 29.121, 24.021)

Conversions

Conversions Part 1

Format	Color
Hex	F2A9A7
RGB	242, 169, 167
RGB Percent	95%, 66%, 65%
CMY	0.0521, 0.3382, 0.3461
CMYK	0.00, 0.30, 0.31, 0.05
HSL	2°, 74%, 80%
HSV	2°, 31%, 95%
XYZ	57.6121, 49.8872, 43.0279
YIQ	190.5990, 44.1500, 14.8540

Conversions

Conversions Part 2

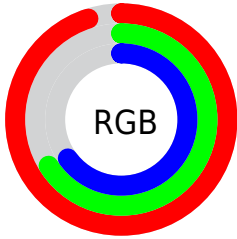
Format	Color
R _{YB}	242, 169, 167
Decimal	15903143
CIE Lab	76.00, 26.60, 11.85
CIE LCh	76, 29.121, 24.021
Yxy	49.8872, 0.3827, 0.3314
Android (android.graphics.Color)	4294093223 (0xFFFF2A9A7)
YUV	190.5990, -11.6343, 45.0787
Hunter-Lab	70.6309, 21.9945, 13.3226

Details

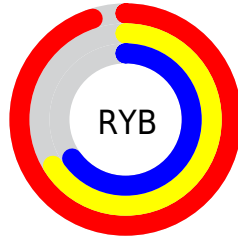
The CIELCh color **76, 29.121, 24.021** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **90, 23.415, 200.481**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 11.134, 28.063**, and **56, 29.142, 23.880** is the 20% darker color. If you saturate the color by 10%, you get **70, 39.950, 25.341**, and if you desaturate by 10%, it is **82, 18.971, 23.025**.

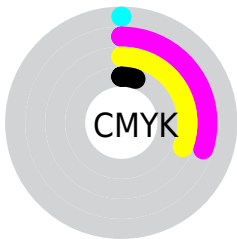
Distribution



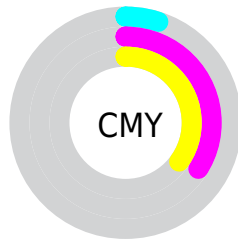
- Red (95%)
- Green (66%)
- Blue (65%)



- Red (95%)
- Yellow (66%)
- Blue (65%)



- Cyan (0%)
- Magenta (30%)
- Yellow (31%)
- Black (5%)



- Cyan (5%)
- Magenta (34%)
- Yellow (35%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 29.121, 24.021 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 76, 29.121, 24.021 by changing the saturation by 10% instead.

 76, 29.121, 24.021

 76, 29.121, 24.021

 100, 29.121,
24.021

 66, 29.121, 24.021

 96, 29.121, 24.021

 56, 29.121, 24.021

 46, 29.121, 24.021

 36, 29.121, 24.021

 26, 29.121, 24.021

 16, 29.121, 24.021

 6, 29.121, 24.021

 0, 29.121, 24.021

 76, 29.121, 24.021

 76, 29.121, 24.021

70, 39.950, 25.341

82, 18.971, 23.025

65, 51.334, 27.070

88, 9.551, 22.245

60, 63.031, 29.309

95, 0.847, 20.992

56, 74.672, 32.103

99, 4.579, 199.260

53, 85.674, 35.311

51, 94.846, 38.333

51, 100.096,
40.200

Harmonies

Complementary

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



76, 29.121, 24.021



90, 23.415, 200.481

Rectangle

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



76, 29.121, 24.021



76, 29.121, 74.021



76, 29.121, 204.021



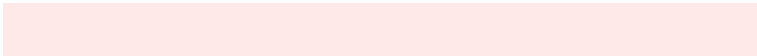
76, 29.121, 254.021

Sweetspot

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



76, 29.119, 24.026



94, 8.084, 22.104



78, 46.866, 326.592



49, 5.650, 22.208



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



76, 29.119, 24.026



76, 37.112, 24.783



85, 25.088, 73.248



47, 4.863, 22.136



38, 81.331, 40.281



8, 29.250, 25.239

Inverse Universe

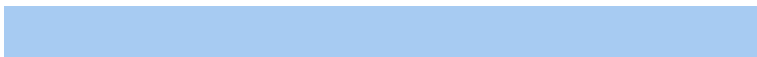
The Inverse Universe completely reimagines the original color for something new.



90, 23.415, 200.481



94, 28.414, 200.309



80, 23.212, 262.207



49, 4.576, 201.340



66, 37.730, 200.658



20, 16.553, 200.043

Previews

White Background



This preview shows how the CIELCh color 76, 29.121, 24.021 looks on a white background.

Color Contrast Check

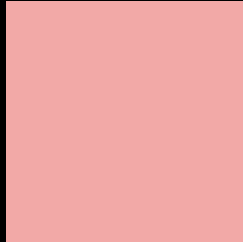
Large Text (above 18pt) WCAG AA × Fail

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 76, 29.121, 24.021 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 76, 29.121, 24.021

Background



This preview shows how black text looks on a background with the CIELCh color 76, 29.121, 24.021.

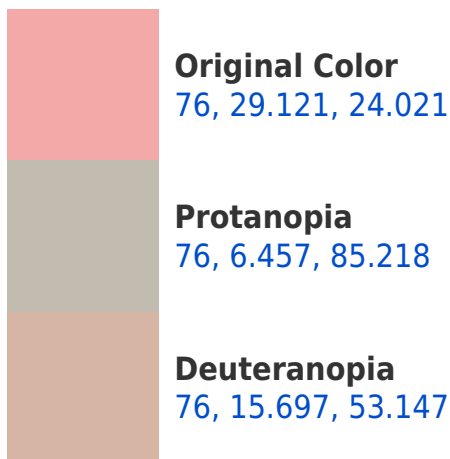


This preview shows how white text looks on a background with the CIELCh color 76, 29.121, 24.021.

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
76, 30.072, 10.013

Trichromacy



Original Color
76, 29.121, 24.021

Protanomaly
76, 12.643, 37.491

Deuteranomaly
76, 19.662, 38.125

Tritanomaly
76, 29.538, 14.908

Monochromacy



Original Color
76, 29.121, 24.021

Achromatopsia
77, 0.009, 296.813

Achromatomaly
76, 10.292, 20.208

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 29.121, 24.021 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(242, 169, 167)` looks like.

```
.text, #text, p{  
    color:rgb(242, 169, 167)  
}
```

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(242, 169, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 169, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 29.121, 24.021 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(242, 169, 167) }
```

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

```
.border{ border-color:rgb(242, 169, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 169, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 169, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 169, 167);  
box-shadow:4px 4px 4px 4px rgb(242, 169,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 29.121, 24.021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 169, 167) }
```

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

```
.background{ background-color: rgb(242,  
169, 167) }
```

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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