

Converting Colors

CIELCh(74, 27.812, 22.090)

Have a look what the booklet for
CIELCh(74, 27.812, 22.090) contains.

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Color

CIELCh(74, 27.913, 21.920)

Conversions

Conversions Part 1

Format	Color
Hex	EAA4A4
RGB	234, 164, 164
RGB Percent	92%, 64%, 64%
CMY	0.0825, 0.3570, 0.3570
CMYK	0.00, 0.30, 0.30, 0.08
HSL	0°, 62%, 78%
HSV	0°, 30%, 92%
XYZ	53.8868, 46.7039, 41.2805
YIQ	184.9300, 41.7200, 14.8400

Conversions

Conversions Part 2

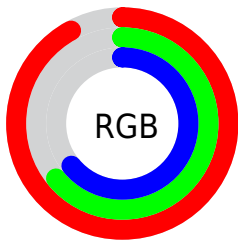
Format	Color
R _Y B	234, 164, 164
Decimal	15377572
CIE Lab	74.00, 25.90, 10.42
CIE LCh	74, 27.913, 21.920
Yxy	46.7039, 0.3798, 0.3292
Android (android.graphics.Color)	4293567652 (0xFFEAA4A4)
YUV	184.9300, -10.3185, 43.0344
Hunter-Lab	68.3403, 21.1529, 12.0244

Details

The CIELCh color **74, 27.913, 21.920** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **88, 22.720, 197.928**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 13.288, 20.321**, and **54, 27.925, 22.744** is the 20% darker color. If you saturate the color by 10%, you get **68, 38.589, 23.338**, and if you desaturate by 10%, it is **80, 17.882, 20.839**.

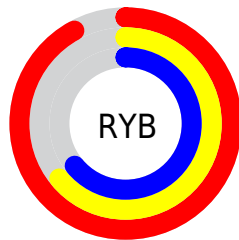
Distribution



Red (92%)

Green (64%)

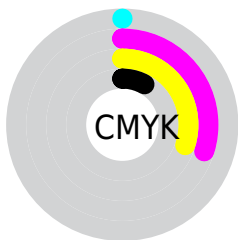
Blue (64%)



Red (92%)

Yellow (64%)

Blue (64%)

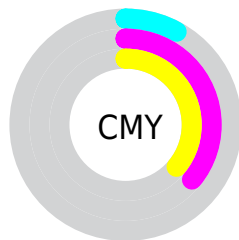


Cyan (0%)

Magenta (30%)

Yellow (30%)

Black (8%)



Cyan (8%)

Magenta (36%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 27.913, 21.920 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, 27.913, 21.920 by changing the saturation by 10% instead.

74, 27.913, 21.920

74, 27.913, 21.920

100, 27.913,
21.920

64, 27.913, 21.920

94, 27.913, 21.920

54, 27.913, 21.920

44, 27.913, 21.920

34, 27.913, 21.920

24, 27.913, 21.920

14, 27.913, 21.920

4, 27.913, 21.920

0, 27.913, 21.920

74, 27.913, 21.920

74, 27.913, 21.920

68, 38.589, 23.338

80, 17.882, 20.839

63, 49.772, 25.185

86, 8.559, 19.978

58, 61.203, 27.580

93, 0.068, 208.610

54, 72.510, 30.590

99, 7.199, 199.042

52, 83.160, 34.106

50, 92.135, 37.566

49, 97.935, 39.981

49, 97.980, 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, 27.913, 21.920



88, 22.720, 197.928

Rectangle

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



74, 27.913, 21.920



74, 27.913, 71.920



74, 27.913, 201.920



74, 27.913, 251.920

Sweetspot

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



74, 27.911, 21.925



94, 8.300, 19.908



76, 44.545, 326.069



49, 5.801, 20.024



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, 27.911, 21.925



76, 36.840, 22.763



82, 23.312, 71.679



46, 4.905, 19.942



38, 80.846, 39.986



7, 28.534, 22.718

Inverse Universe

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



88, 22.720, 197.928



95, 28.559, 197.663



79, 21.451, 260.149



48, 4.619, 198.973



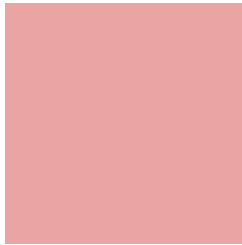
67, 38.749, 196.396



19, 16.593, 196.394

Previews

White Background



This preview shows how the CIELCh color 74, 27.913, 21.920 looks on a white background.

Color Contrast Check

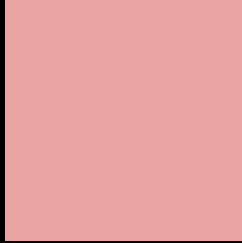
Large Text (above 18pt) WCAG AA × Fail

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, 27.913, 21.920 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, 27.913, 21.920

Background



This preview shows how black text looks on a background with the CIELCh color 74, 27.913, 21.920.

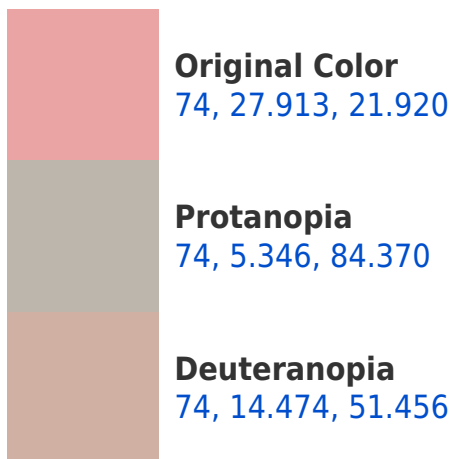


This preview shows how white text looks on a background with the CIELCh color 74, 27.913, 21.920.

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, 29.130, 8.435

Trichromacy



Original Color
74, 27.913, 21.920

Protanomaly
74, 11.996, 33.235

Deuteranomaly
74, 18.610, 35.800

Tritanomaly
74, 28.520, 13.498

Monochromacy



Original Color
74, 27.913, 21.920

Achromatopsia
75, 0.009, 296.813

Achromatomaly
74, 9.960, 20.197

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 27.913, 21.920 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(234, 164, 164)` looks like.

```
.text, #text, p{  
    color:rgb(234, 164, 164)  
}
```

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(234, 164, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 164, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 27.913, 21.920 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(234, 164, 164) }
```

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

```
.border{ border-color:rgb(234, 164, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 164, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 164, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 164, 164);  
box-shadow:4px 4px 4px 4px rgb(234, 164,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 27.913, 21.920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 164, 164) }
```

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

```
.background{ background-color: rgb(234,  
164, 164) }
```

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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