

Converting Colors

CIELCh(75, 21.114, 16.922)

Have a look what the booklet for
CIELCh(75, 21.114, 16.922) contains.

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Color

CIELCh(75, 21.114, 16.922)

Conversions

Conversions Part 1

Format	Color
Hex	E1ABAE
RGB	225, 171, 174
RGB Percent	88%, 67%, 68%
CMY	0.1170, 0.3288, 0.3171
CMYK	0.00, 0.24, 0.23, 0.12
HSL	357°, 48%, 78%
HSV	357°, 24%, 88%
XYZ	53.3475, 48.2781, 46.6283
YIQ	187.4880, 31.2210, 12.3810

Conversions

Conversions Part 2

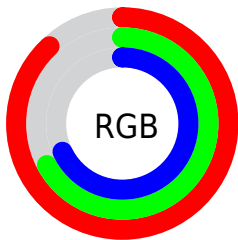
Format	Color
R _Y B	225, 171, 174
Decimal	14789550
CIE Lab	75.00, 20.20, 6.15
CIE LCh	75, 21.114, 16.922
Yxy	48.2781, 0.3598, 0.3256
Android (android.graphics.Color)	4292979630 (0xFFE1ABAE)
YUV	187.4880, -6.6496, 32.8980
Hunter-Lab	69.4824, 15.4553, 8.8493

Details

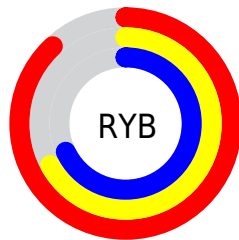
The CIELCh color **75, 21.114, 16.922** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **86, 18.284, 193.208**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 10.228, 14.313**, and **55, 21.412, 15.860** is the 20% darker color. If you saturate the color by 10%, you get **69, 30.917, 18.247**, and if you desaturate by 10%, it is **81, 11.884, 15.870**.

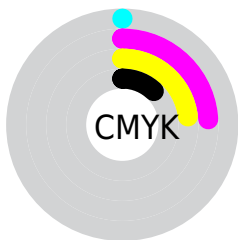
Distribution



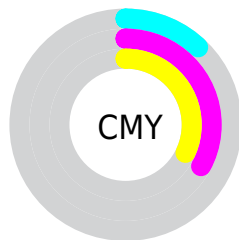
- Red (88%)
- Green (67%)
- Blue (68%)



- Red (88%)
- Yellow (67%)
- Blue (68%)



- Cyan (0%)
- Magenta (24%)
- Yellow (23%)
- Black (12%)



- Cyan (12%)
- Magenta (33%)
- Yellow (32%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 21.114, 16.922 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 75, 21.114, 16.922 by changing the saturation by 10% instead.

 75, 21.114, 16.922

 75, 21.114, 16.922

 100, 21.114,
16.922

 65, 21.114, 16.922

 95, 21.114, 16.922

 55, 21.114, 16.922

 45, 21.114, 16.922

 35, 21.114, 16.922


 25, 21.114, 16.922

 15, 21.114, 16.922

 5, 21.114, 16.922

 0, 21.114, 16.922

 75, 21.114, 16.922

 75, 21.114, 16.922

69, 30.917, 18.247

81, 11.884, 15.870

64, 41.191, 19.928

87, 3.267, 14.908

59, 51.733, 22.089

93, 4.751, 194.539

55, 62.244, 24.852

98, 10.119,
198.832

51, 72.361, 28.294

49, 81.668, 32.311

48, 89.469, 36.372

47, 92.983, 38.253

Harmonies

Complementary

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



75, 21.114, 16.922



86, 18.284, 193.208

Rectangle

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



75, 21.114, 16.922



75, 21.114, 66.922



75, 21.114, 196.922



75, 21.114, 246.922

Sweetspot

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



75, 21.112, 16.928



95, 6.418, 15.224



76, 34.038, 323.847



50, 4.179, 15.281



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



75, 21.112, 16.928



81, 28.738, 17.577



81, 17.370, 65.196



44, 4.734, 15.446



36, 76.786, 37.697



6, 25.418, 18.607

Inverse Universe

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



75, 21.112, 16.928



81, 28.738, 17.577



80, 15.836, 251.215



44, 4.734, 15.446



36, 76.786, 37.697



6, 25.418, 18.607

Previews

White Background



This preview shows how the CIELCh color 75, 21.114, 16.922 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 75, 21.114, 16.922 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 75, 21.114, 16.922

Background



This preview shows how black text looks on a background with the CIELCh color 75, 21.114, 16.922.



This preview shows how white text looks on a background with the CIELCh color 75, 21.114, 16.922.

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

75, 21.114, 16.922

Protanopia

75, 2.460, 60.275

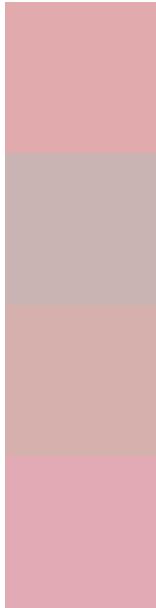
Deuteranopia

75, 11.333, 36.667



Tritanopia
75, 22.486, 3.483

Trichromacy



Original Color
75, 21.114, 16.922

Protanomaly
75, 8.769, 20.082

Deuteranomaly
75, 14.891, 26.779

Tritanomaly
75, 22.181, 7.503

Monochromacy



Original Color
75, 21.114, 16.922

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 7.586, 15.923

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 21.114, 16.922 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(225, 171, 174)` looks like.

```
.text, #text, p{  
    color:rgb(225, 171, 174)  
}
```

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(225, 171, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 171, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 21.114, 16.922 is called "border". The border property can be set on classes, ids or directly on the HTML element.

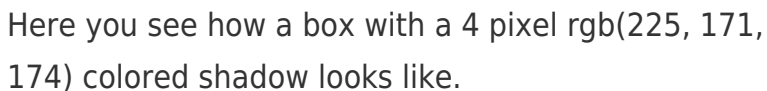
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(225, 171, 174) }
```

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

```
.border{ border-color:rgb(225, 171, 174) }
```

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



Here you see how a box with a 4 pixel `rgb(225, 171, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 171, 174); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 171, 174); box-shadow:4px 4px 4px 4px rgb(225, 171, 174) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 21.114, 16.922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 171, 174) }
```

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

```
.background{ background-color: rgb(225,  
171, 174) }
```

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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