

Converting Colors

CIELCh(75, 22.174, 21.617)

Have a look what the booklet for
CIELCh(75, 22.174, 21.617) contains.

CIELCh(75, 22.074, 22.685)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(75, 22.074, 22.685)

Conversions

Conversions Part 1

Format	Color
Hex	E3ABAA
RGB	227, 171, 170
RGB Percent	89%, 67%, 67%
CMY	0.1104, 0.3299, 0.3339
CMYK	0.00, 0.25, 0.25, 0.11
HSL	1°, 50%, 78%
HSV	1°, 25%, 89%
XYZ	53.4122, 48.2781, 44.4658
YIQ	187.6300, 33.6970, 11.5610

Conversions

Conversions Part 2

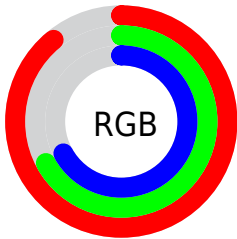
Format	Color
R _Y B	227, 171, 170
Decimal	14920618
CIE Lab	75.00, 20.37, 8.51
CIE LCh	75, 22.074, 22.685
Yxy	48.2781, 0.3654, 0.3303
Android (android.graphics.Color)	4293110698 (0xFFE3ABAA)
YUV	187.6300, -8.6916, 34.5275
Hunter-Lab	69.4824, 15.6213, 10.6947

Details

The CIELCh color **75, 22.074, 22.685** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **86, 18.605, 199.801**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 10.292, 25.774**, and **55, 22.447, 21.976** is the 20% darker color. If you saturate the color by 10%, you get **69, 32.051, 23.847**, and if you desaturate by 10%, it is **81, 12.770, 21.800**.

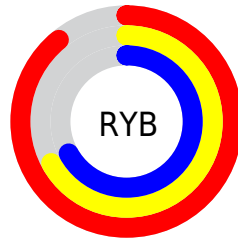
Distribution



Red (89%)

Green (67%)

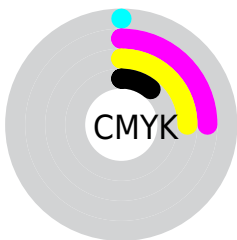
Blue (67%)



Red (89%)

Yellow (67%)

Blue (67%)

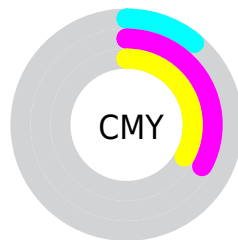


Cyan (0%)

Magenta (25%)

Yellow (25%)

Black (11%)



Cyan (11%)

Magenta (33%)

Yellow (33%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 22.074, 22.685 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, 22.074, 22.685 by changing the saturation by 10% instead.

 75, 22.074, 22.685

 75, 22.074, 22.685

 100, 22.074,
22.685

 65, 22.074, 22.685

 95, 22.074, 22.685

 55, 22.074, 22.685

 45, 22.074, 22.685

 35, 22.074, 22.685

 25, 22.074, 22.685

 15, 22.074, 22.685

 5, 22.074, 22.685

 0, 22.074, 22.685

 75, 22.074, 22.685

 75, 22.074, 22.685

69, 32.051, 23.847

81, 12.770, 21.800

64, 42.626, 25.363

87, 4.156, 21.037

59, 53.627, 27.343

93, 3.802, 200.833

55, 64.769, 29.877

98, 9.562, 198.871

52, 75.637, 32.961

49, 85.537, 36.318

48, 92.952, 39.075

47, 95.503, 40.143

Harmonies

Complementary

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



75, 22.074, 22.685



86, 18.605, 199.801

Rectangle

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



75, 22.074, 22.685



75, 22.074, 72.685



75, 22.074, 202.685



75, 22.074, 252.685

Sweetspot

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



75, 22.072, 22.691



95, 7.221, 21.268



76, 36.130, 326.267



50, 5.163, 21.380



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, 22.072, 22.691



80, 29.552, 23.238



82, 19.043, 74.020



44, 4.646, 21.370



37, 78.869, 40.157



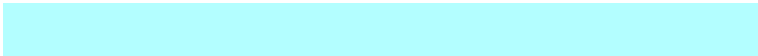
6, 25.230, 21.805

Inverse Universe

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



86, 18.605, 199.801



95, 23.963, 199.609



79, 17.912, 261.032



46, 4.375, 200.522



64, 37.011, 199.155



17, 15.263, 198.694

Previews

White Background



This preview shows how the CIELCh color 75, 22.074, 22.685 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, 22.074, 22.685 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, 22.074, 22.685

Background



This preview shows how black text looks on a background with the CIELCh color 75, 22.074, 22.685.

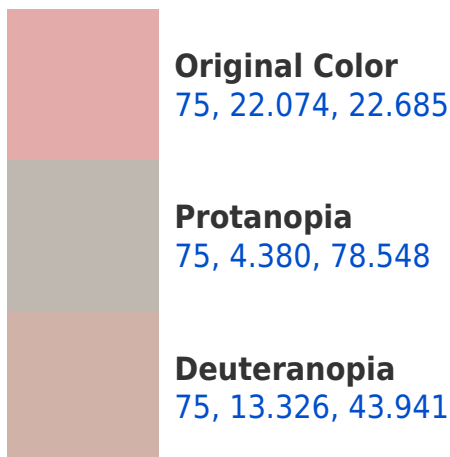


This preview shows how white text looks on a background with the CIELCh color 75, 22.074, 22.685.

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
75, 23.626, 4.508

Trichromacy



Original Color
75, 22.074, 22.685

Protanomaly
75, 9.640, 36.223

Deuteranomaly
75, 16.066, 32.159

Tritanomaly
75, 22.820, 10.705

Monochromacy



Original Color
75, 22.074, 22.685

Achromatopsia
76, 0.009, 296.813

Achromatomaly
75, 7.589, 19.968

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 22.074, 22.685 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(227, 171, 170)` looks like.

```
.text, #text, p{  
    color:rgb(227, 171, 170)  
}
```

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(227, 171, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 171, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 22.074, 22.685 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(227, 171, 170) }
```

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

```
.border{ border-color:rgb(227, 171, 170) }
```

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

Here you see how a box with a 4 pixel rgb(227, 171, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 171, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 171, 170);  
box-shadow:4px 4px 4px 4px rgb(227, 171,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 22.074, 22.685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 171, 170) }
```

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

```
.background{ background-color: rgb(227,  
171, 170) }
```

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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