

Converting Colors

CIELCh(75, 33.704, 23.071)

Have a look what the booklet for
CIELCh(75, 33.704, 23.071) contains.

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Color

CIELCh(75, 33.710, 22.485)

Conversions

Conversions Part 1

Format	Color
Hex	F6A2A2
RGB	246, 162, 162
RGB Percent	96%, 64%, 64%
CMY	0.0336, 0.3631, 0.3631
CMYK	0.00, 0.34, 0.34, 0.03
HSL	0°, 83%, 80%
HSV	0°, 34%, 97%
XYZ	57.7094, 48.2781, 40.6441
YIQ	187.1160, 50.0640, 17.8080

Conversions

Conversions Part 2

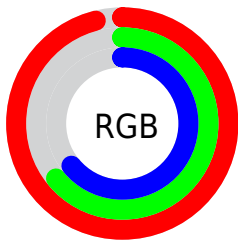
Format	Color
R _Y B	246, 162, 162
Decimal	16163490
CIE Lab	75.00, 31.15, 12.89
CIE LCh	75, 33.710, 22.485
Yxy	48.2781, 0.3936, 0.3292
Android (android.graphics.Color)	4294353570 (0xFFF6A2A2)
YUV	187.1160, -12.3822, 51.6413
Hunter-Lab	69.4824, 26.6607, 13.9557

Details

The CIELCh color **75, 33.710, 22.485** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **92, 26.541, 197.751**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 13.714, 22.501**, and **55, 34.070, 22.658** is the 20% darker color. If you saturate the color by 10%, you get **69, 45.096, 24.079**, and if you desaturate by 10%, it is **81, 22.947, 21.273**.

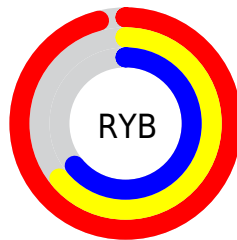
Distribution



Red (96%)

Green (64%)

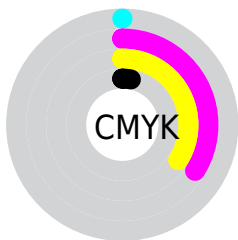
Blue (64%)



Red (96%)

Yellow (64%)

Blue (64%)

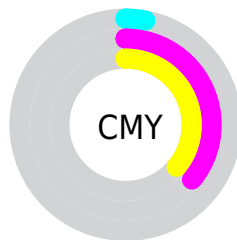


Cyan (0%)

Magenta (34%)

Yellow (34%)

Black (3%)



Cyan (3%)

Magenta (36%)

Yellow (36%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 33.710, 22.485 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, 33.710, 22.485 by changing the saturation by 10% instead.

 75, 33.710, 22.485

 75, 33.710, 22.485

 100, 33.710,
22.485

 65, 33.710, 22.485

 95, 33.710, 22.485

 55, 33.710, 22.485

 45, 33.710, 22.485

 35, 33.710, 22.485

 25, 33.710, 22.485

 15, 33.710, 22.485

 5, 33.710, 22.485

 0, 33.710, 22.485

 75, 33.710, 22.485

 75, 33.710, 22.485

69, 45.096, 24.079

81, 22.947, 21.273

64, 56.912, 26.156

88, 12.909, 20.328

59, 68.834, 28.824

94, 3.610, 19.488

56, 80.412, 32.095

99, 2.962, 199.441

53, 90.937, 35.706

52, 98.877, 38.776

51, 101.904,
40.001

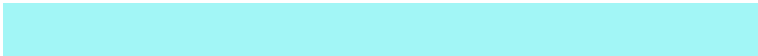
Harmonies

Complementary

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



75, 33.710, 22.485



92, 26.541, 197.751

Rectangle

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



75, 33.710, 22.485



75, 33.710, 72.485



75, 33.710, 202.485



75, 33.710, 252.485

Sweetspot

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



75, 33.708, 22.489



93, 9.258, 19.994



77, 52.818, 326.292



49, 6.352, 20.107



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, 33.708, 22.489



73, 42.679, 23.551



85, 28.003, 71.137



48, 5.079, 19.951



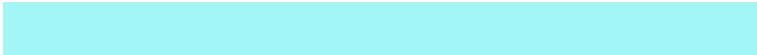
39, 82.549, 40.001



8, 31.021, 25.014

Inverse Universe

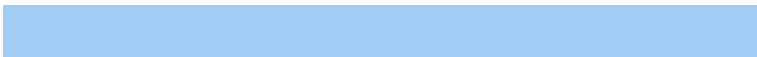
The Inverse Universe completely reimagines the original color for something new.



92, 26.541, 197.751



94, 31.776, 197.476



81, 25.424, 261.046



50, 4.782, 198.977



69, 39.553, 196.407



22, 17.586, 196.405

Previews

White Background



This preview shows how the CIELCh color 75, 33.710, 22.485 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 75, 33.710, 22.485 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, 33.710, 22.485

Background



This preview shows how black text looks on a background with the CIELCh color 75, 33.710, 22.485.

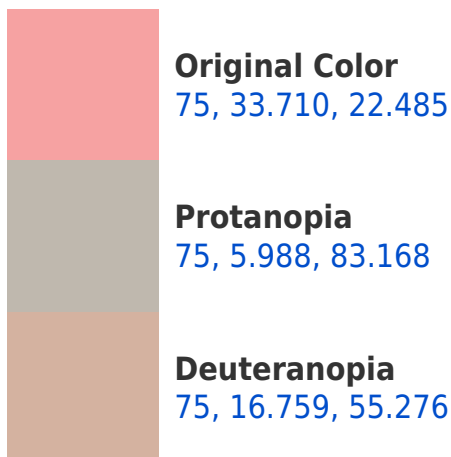


This preview shows how white text looks on a background with the CIELCh color 75, 33.710, 22.485.

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](#).

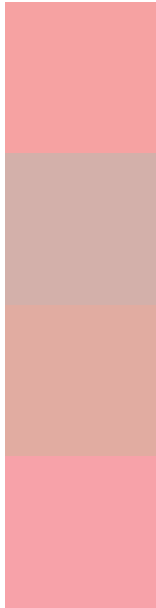
Dichromacy





Tritanopia
75, 34.160, 11.974

Trichromacy



Original Color
75, 33.710, 22.485

Protanomaly
75, 14.081, 33.645

Deuteranomaly
75, 22.165, 36.406

Tritanomaly
75, 33.735, 16.286

Monochromacy



Original Color
75, 33.710, 22.485

Achromatopsia
76, 0.009, 296.813

Achromatomaly
75, 11.500, 20.327

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 33.710, 22.485 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(246, 162, 162)` looks like.

```
.text, #text, p{  
    color:rgb(246, 162, 162)  
}
```

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(246, 162, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 162, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 33.710, 22.485 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(246, 162, 162) }
```

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

```
.border{ border-color:rgb(246, 162, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 162, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 162, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 162, 162);  
box-shadow:4px 4px 4px 4px rgb(246, 162,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 33.710, 22.485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 162, 162) }
```

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

```
.background{ background-color: rgb(246,  
162, 162) }
```

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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