

Converting Colors

CIELCh(75, 29.992, 22.084)

Have a look what the booklet for
CIELCh(75, 29.992, 22.084) contains.

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Color

CIELCh(75, 29.916, 22.093)

Conversions

Conversions Part 1

Format	Color
Hex	F0A5A5
RGB	240, 165, 165
RGB Percent	94%, 65%, 65%
CMY	0.0579, 0.3521, 0.3521
CMYK	0.00, 0.31, 0.31, 0.06
HSL	0°, 72%, 79%
HSV	0°, 31%, 94%
XYZ	56.3190, 48.2781, 42.0490
YIQ	187.4250, 44.7000, 15.9000

Conversions

Conversions Part 2

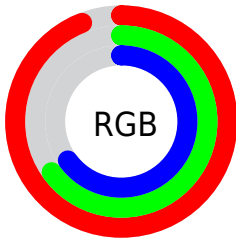
Format	Color
R _Y B	240, 165, 165
Decimal	15771045
CIE Lab	75.00, 27.72, 11.25
CIE LCh	75, 29.916, 22.093
Yxy	48.2781, 0.3840, 0.3292
Android (android.graphics.Color)	4293961125 (0xFFFF0A5A5)
YUV	187.4250, -11.0555, 46.1083
Hunter-Lab	69.4824, 23.0888, 12.7570

Details

The CIELCh color **75, 29.916, 22.093** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **90, 24.097, 197.872**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 12.544, 22.600**, and **55, 30.006, 21.950** is the 20% darker color. If you saturate the color by 10%, you get **69, 40.905, 23.565**, and if you desaturate by 10%, it is **81, 19.574, 20.972**.

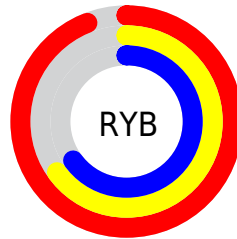
Distribution



Red (94%)

Green (65%)

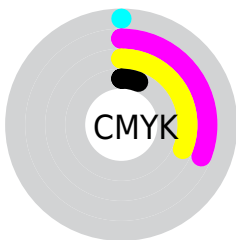
Blue (65%)



Red (94%)

Yellow (65%)

Blue (65%)

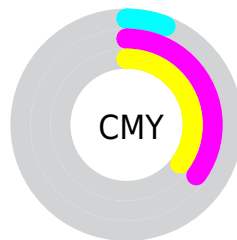


Cyan (0%)

Magenta (31%)

Yellow (31%)

Black (6%)



Cyan (6%)

Magenta (35%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 29.916, 22.093 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, 29.916, 22.093 by changing the saturation by 10% instead.

75, 29.916, 22.093

75, 29.916, 22.093

100, 29.916,
22.093

65, 29.916, 22.093

95, 29.916, 22.093

55, 29.916, 22.093

45, 29.916, 22.093

35, 29.916, 22.093

25, 29.916, 22.093

15, 29.916, 22.093

5, 29.916, 22.093

0, 29.916, 22.093

75, 29.916, 22.093

75, 29.916, 22.093

69, 40.905, 23.565

81, 19.574, 20.972

64, 52.383, 25.484

88, 9.952, 20.087

59, 64.070, 27.966

94, 1.047, 18.885

55, 75.566, 31.065

99, 5.083, 199.213

53, 86.287, 34.627

51, 95.061, 37.994

50, 99.956, 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, 29.916, 22.093



90, 24.097, 197.872

Rectangle

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



75, 29.916, 22.093



75, 29.916, 72.093



75, 29.916, 202.093



75, 29.916, 252.093

Sweetspot

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



75, 29.914, 22.098



94, 8.299, 19.911



77, 47.470, 326.140



49, 5.801, 20.027



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, 29.914, 22.098



76, 37.995, 22.914



84, 24.941, 71.507



47, 4.992, 19.946



38, 81.701, 39.996



8, 29.834, 23.811

Inverse Universe

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



90, 24.097, 197.872



94, 29.220, 197.627



80, 22.853, 260.426



49, 4.701, 198.975



68, 39.151, 196.401



21, 17.092, 196.399

Previews

White Background



This preview shows how the CIELCh color 75, 29.916, 22.093 looks on a white background.

Color Contrast Check

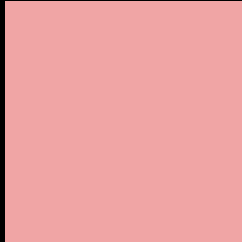
Large Text (above 18pt) WCAG AA × Fail

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, 29.916, 22.093 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

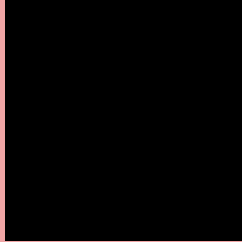
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 29.916, 22.093

Background



This preview shows how black text looks on a background with the CIELCh color 75, 29.916, 22.093.

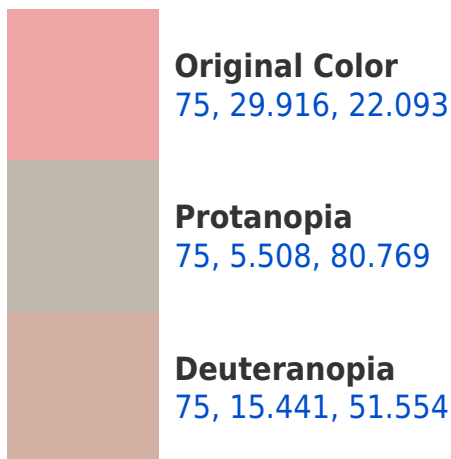


This preview shows how white text looks on a background with the CIELCh color 75, 29.916, 22.093.

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](#).

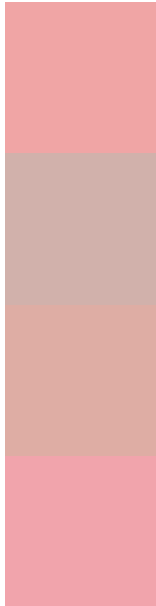
Dichromacy





Tritanopia
75, 30.556, 10.269

Trichromacy



Original Color
75, 29.916, 22.093

Protanomaly
75, 12.898, 34.774

Deuteranomaly
75, 20.171, 34.711

Tritanomaly
75, 30.467, 14.252

Monochromacy



Original Color
75, 29.916, 22.093

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 10.315, 20.218

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 29.916, 22.093 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(240, 165, 165)` looks like.

```
.text, #text, p{  
    color:rgb(240, 165, 165)  
}
```

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(240, 165, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 165, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 29.916, 22.093 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(240, 165, 165) }
```

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

```
.border{ border-color:rgb(240, 165, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 165, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 165, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 165, 165);  
box-shadow:4px 4px 4px 4px rgb(240, 165,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 29.916, 22.093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 165, 165) }
```

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

```
.background{ background-color: rgb(240,  
165, 165) }
```

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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