

Converting Colors

CIELCh(75, 30.189, 22.105)

Have a look what the booklet for
CIELCh(75, 30.189, 22.105) contains.

CIELCh(75, 30.324, 22.131)	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, 30.324, 22.131)

Conversions

Conversions Part 1

Format	Color
Hex	F1A5A5
RGB	241, 165, 165
RGB Percent	95%, 65%, 65%
CMY	0.0553, 0.3532, 0.3533
CMYK	0.00, 0.32, 0.32, 0.06
HSL	0°, 73%, 80%
HSV	0°, 32%, 94%
XYZ	56.4681, 48.2781, 41.9001
YIQ	187.7240, 45.2960, 16.1120

Conversions

Conversions Part 2

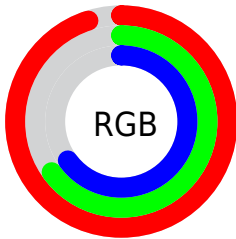
Format	Color
R _Y B	241, 165, 165
Decimal	15836581
CIE Lab	75.00, 28.09, 11.42
CIE LCh	75, 30.324, 22.131
Yxy	48.2781, 0.3851, 0.3292
Android (android.graphics.Color)	4294026661 (0xFFFF1A5A5)
YUV	187.7240, -11.2029, 46.7231
Hunter-Lab	69.4824, 23.4720, 12.8840

Details

The CIELCh color **75, 30.324, 22.131** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **90, 24.366, 197.854**, 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, 30.440, 22.019** is the 20% darker color. If you saturate the color by 10%, you get **69, 41.357, 23.616**, and if you desaturate by 10%, it is **81, 19.935, 21.001**.

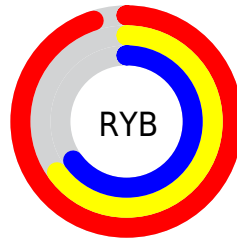
Distribution



Red (95%)

Green (65%)

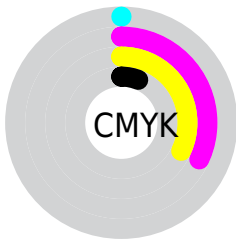
Blue (65%)



Red (95%)

Yellow (65%)

Blue (65%)

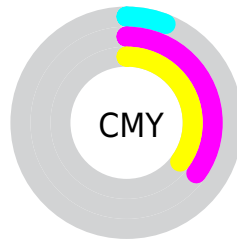


Cyan (0%)

Magenta (32%)

Yellow (32%)

Black (6%)



Cyan (6%)

Magenta (35%)

Yellow (35%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 30.324, 22.131 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, 30.324, 22.131 by changing the saturation by 10% instead.

 75, 30.324, 22.131

 75, 30.324, 22.131

 100, 30.324,
22.131

 65, 30.324, 22.131

 95, 30.324, 22.131

 55, 30.324, 22.131

 45, 30.324, 22.131

 35, 30.324, 22.131

 25, 30.324, 22.131

 15, 30.324, 22.131

 5, 30.324, 22.131

 0, 30.324, 22.131

 75, 30.324, 22.131

 75, 30.324, 22.131

69, 41.357, 23.616

81, 19.935, 21.001

64, 52.873, 25.553

88, 10.268, 20.109

59, 64.588, 28.055

94, 1.320, 19.024

55, 76.095, 31.174

99, 4.854, 199.234

53, 86.800, 34.745

51, 95.496, 38.087

50, 100.169,
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, 30.324, 22.131



90, 24.366, 197.854

Rectangle

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



75, 30.324, 22.131



75, 30.324, 72.131



75, 30.324, 202.131



75, 30.324, 252.131

Sweetspot

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



75, 30.322, 22.136



94, 8.300, 19.907



77, 48.050, 326.157



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.



75, 30.322, 22.136



75, 39.160, 23.063



84, 25.270, 71.467



47, 4.992, 19.943



38, 81.702, 39.996



8, 29.835, 23.809

Inverse Universe

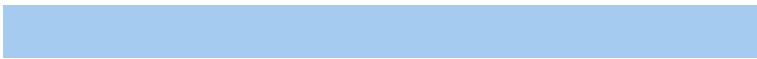
The Inverse Universe completely reimagines the original color for something new.



90, 24.366, 197.854



94, 29.875, 197.583



80, 23.131, 260.492



49, 4.701, 198.971



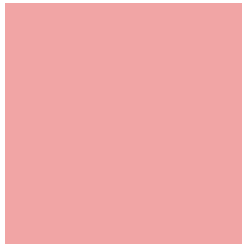
68, 39.154, 196.394



21, 17.092, 196.393

Previews

White Background



This preview shows how the CIELCh color 75, 30.324, 22.131 looks on a white background.

Color Contrast Check

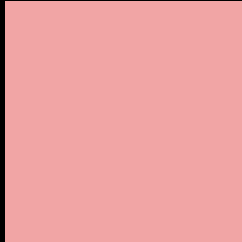
Large Text (above 18pt) WCAG AA × Fail

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, 30.324, 22.131 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, 30.324, 22.131

Background



This preview shows how black text looks on a background with the CIELCh color 75, 30.324, 22.131.



This preview shows how white text looks on a background with the CIELCh color 75, 30.324, 22.131.

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, 30.324, 22.131

Protanopia

75, 5.508, 80.769

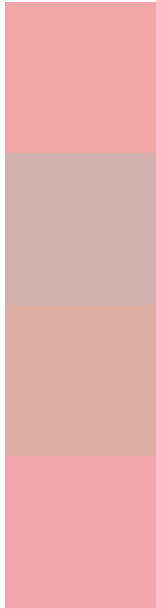
Deuteranopia

75, 15.757, 53.127



Tritanopia
75, 31.406, 9.713

Trichromacy



Original Color
75, 30.324, 22.131

Protanomaly
75, 12.898, 34.774

Deuteranomaly
75, 20.355, 36.122

Tritanomaly
75, 30.863, 14.398

Monochromacy



Original Color
75, 30.324, 22.131

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, 30.324, 22.131 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(241, 165, 165)` looks like.

```
.text, #text, p{  
    color:rgb(241, 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(241, 165, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 165, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 30.324, 22.131 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(241, 165, 165) }
```

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

```
.border{ border-color:rgb(241, 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(241, 165, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 165, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 165, 165);  
box-shadow:4px 4px 4px 4px rgb(241, 165,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 30.324, 22.131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 165, 165) }
```

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

```
.background{ background-color: rgb(241,  
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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