

Converting Colors

CIELCh(75, 31.178, 22.223)

Have a look what the booklet for
CIELCh(75, 31.178, 22.223) contains.

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Color

CIELCh(75, 31.178, 22.223)

Conversions

Conversions Part 1

Format	Color
Hex	F2A4A4
RGB	242, 164, 164
RGB Percent	95%, 64%, 64%
CMY	0.0497, 0.3557, 0.3557
CMYK	0.00, 0.32, 0.32, 0.05
HSL	0°, 75%, 80%
HSV	0°, 32%, 95%
XYZ	56.7799, 48.2781, 41.5828
YIQ	187.3220, 46.4880, 16.5360

Conversions

Conversions Part 2

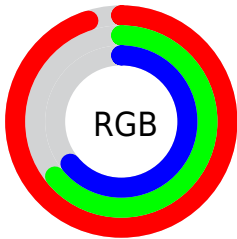
Format	Color
R _Y B	242, 164, 164
Decimal	15901860
CIE Lab	75.00, 28.86, 11.79
CIE LCh	75, 31.178, 22.223
Yxy	48.2781, 0.3872, 0.3292
Android (android.graphics.Color)	4294091940 (0xFFFF2A4A4)
YUV	187.3220, -11.4977, 47.9526
Hunter-Lab	69.4824, 24.2730, 13.1547

Details

The CIELCh color **75, 31.178, 22.223** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **91, 24.922, 197.832**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 12.933, 22.563**, and **55, 31.360, 22.188** is the 20% darker color. If you saturate the color by 10%, you get **69, 42.301, 23.735**, and if you desaturate by 10%, it is **81, 20.694, 21.072**.

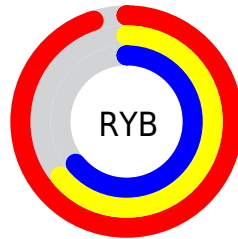
Distribution



Red (95%)

Green (64%)

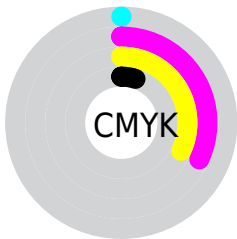
Blue (64%)



Red (95%)

Yellow (64%)

Blue (64%)

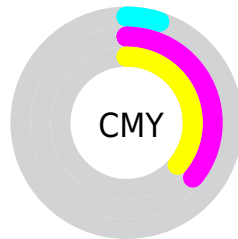


Cyan (0%)

Magenta (32%)

Yellow (32%)

Black (5%)



Cyan (5%)

Magenta (36%)

Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 31.178, 22.223 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, 31.178, 22.223 by changing the saturation by 10% instead.

 75, 31.178, 22.223

 75, 31.178, 22.223

 100, 31.178,
22.223

 65, 31.178, 22.223

 95, 31.178, 22.223

 55, 31.178, 22.223

 45, 31.178, 22.223

 35, 31.178, 22.223


 25, 31.178, 22.223

 15, 31.178, 22.223

 5, 31.178, 22.223

 0, 31.178, 22.223

 75, 31.178, 22.223

 75, 31.178, 22.223

69, 42.301, 23.735

81, 20.694, 21.072

64, 53.896, 25.707

88, 10.933, 20.168

59, 65.666, 28.251

94, 1.897, 19.213

55, 77.196, 31.409

99, 4.375, 199.279

53, 87.864, 34.995

51, 96.387, 38.277

51, 100.610,
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, 31.178, 22.223



91, 24.922, 197.832

Rectangle

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



75, 31.178, 22.223



75, 31.178, 72.223



75, 31.178, 202.223



75, 31.178, 252.223

Sweetspot

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



75, 31.176, 22.228



93, 9.258, 19.993



77, 49.264, 326.192



49, 6.352, 20.106



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, 31.176, 22.228



74, 40.326, 23.224



84, 25.961, 71.382



48, 5.079, 19.950



39, 82.549, 40.001



8, 31.022, 25.013

Inverse Universe

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



91, 24.922, 197.832



94, 30.516, 197.550



80, 23.714, 260.632



50, 4.782, 198.976



69, 39.554, 196.405



22, 17.586, 196.402

Previews

White Background



This preview shows how the CIELCh color 75, 31.178, 22.223 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, 31.178, 22.223 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, 31.178, 22.223

Background



This preview shows how black text looks on a background with the CIELCh color 75, 31.178, 22.223.



This preview shows how white text looks on a background with the CIELCh color 75, 31.178, 22.223.

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, 31.178, 22.223

Protanopia

75, 5.508, 80.769

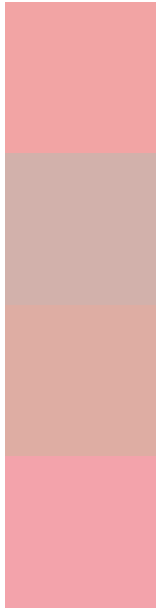
Deuteranopia

75, 15.757, 53.127



Tritanopia
75, 31.753, 10.868

Trichromacy



Original Color
75, 31.178, 22.223

Protanomaly
75, 13.285, 34.373

Deuteranomaly
75, 20.355, 36.122

Tritanomaly
75, 31.692, 14.700

Monochromacy



Original Color
75, 31.178, 22.223

Achromatopsia
76, 0.009, 296.813

Achromatomaly
75, 11.109, 20.292

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 31.178, 22.223 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(242, 164, 164)` looks like.

```
.text, #text, p{  
    color:rgb(242, 164, 164)  
}
```

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(242, 164, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 164, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 31.178, 22.223 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(242, 164, 164) }
```

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

```
.border{ border-color:rgb(242, 164, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 164, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 164, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 164, 164);  
box-shadow:4px 4px 4px 4px rgb(242, 164,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 31.178, 22.223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 164, 164) }
```

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

```
.background{ background-color: rgb(242,  
164, 164) }
```

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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