

Converting Colors

CIELCh(75, 43.713, 44.629)

Have a look what the booklet for
CIELCh(75, 43.713, 44.629) contains.

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Color

CIELCh(75, 43.722, 44.318)

Conversions

Conversions Part 1

Format	Color
Hex	FEA182
RGB	254, 161, 130
RGB Percent	100%, 63%, 51%
CMY	0.0031, 0.3679, 0.4895
CMYK	0.00, 0.37, 0.49, 0.00
HSL	15°, 99%, 75%
HSV	15°, 49%, 100%
XYZ	57.7644, 48.2781, 27.4538
YIQ	185.2730, 65.3790, 10.0750

Conversions

Conversions Part 2

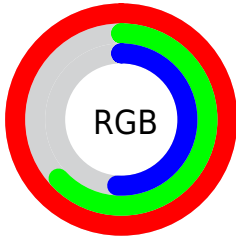
Format	Color
R_{YB}	254, 171, 130
Decimal	16687490
CIE _{Lab}	75.00, 31.28, 30.55
CIE _{LCh}	75, 43.722, 44.318
Yxy	48.2781, 0.4327, 0.3616
Android (android.graphics.Color)	4294877570 (0xFFFEA182)
YUV	185.2730, -27.2496, 60.2736
Hunter-Lab	69.4824, 26.8021, 25.2112

Details

The CIELCh color **75, 43.722, 44.318** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **84, 30.725, 230.330**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 23.096, 67.442**, and **55, 43.882, 44.132** is the 20% darker color. If you saturate the color by 10%, you get **71, 54.751, 44.538**, and if you desaturate by 10%, it is **80, 33.375, 44.284**.

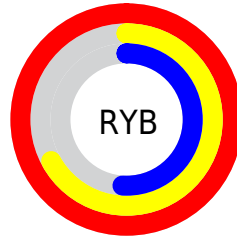
Distribution



Red (100%)

Green (63%)

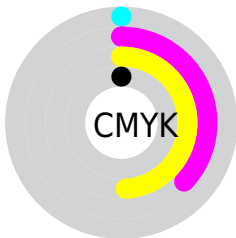
Blue (51%)



Red (100%)

Yellow (67%)

Blue (51%)

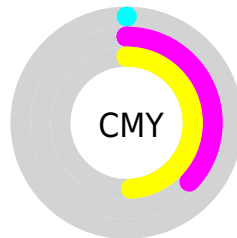


Cyan (0%)

Magenta (37%)

Yellow (49%)

Black (0%)



Cyan (0%)

Magenta (37%)

Yellow (49%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 43.722, 44.318 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, 43.722, 44.318 by changing the saturation by 10% instead.

 75, 43.722, 44.318

 75, 43.722, 44.318

 100, 43.722,
44.318

 65, 43.722, 44.318

 95, 43.722, 44.318

 55, 43.722, 44.318

 45, 43.722, 44.318

 35, 43.722, 44.318

 25, 43.722, 44.318

 15, 43.722, 44.318

 5, 43.722, 44.318

 0, 43.722, 44.318

 75, 43.722, 44.318

 75, 43.722, 44.318

71, 54.751, 44.538

80, 33.375, 44.284

66, 66.291, 44.912

85, 23.768, 44.402

63, 77.898, 45.332

90, 14.888, 44.644

60, 88.566, 45.466

95, 6.689, 44.952

57, 96.592, 44.760

100, 0.277,
201.782

57, 97.456, 44.692

Harmonies

Complementary

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



75, 43.722, 44.318



84, 30.725, 230.330

Rectangle

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



75, 43.722, 44.318



75, 43.722, 94.318



75, 43.722, 224.318



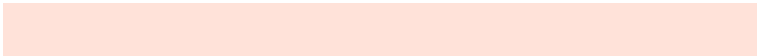
75, 43.722, 274.318

Sweetspot

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



75, 43.720, 44.322



92, 11.732, 44.758



71, 64.122, 335.883



48, 8.073, 44.693



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, 43.720, 44.322



71, 55.130, 44.544



90, 49.224, 91.066



50, 4.349, 44.930



43, 78.198, 45.181



12, 29.248, 40.268

Inverse Universe

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



84, 30.725, 230.330



82, 35.362, 232.418



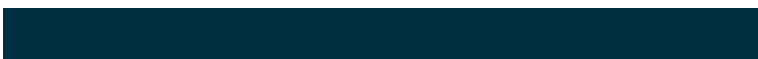
68, 51.530, 285.737



51, 4.111, 226.019



56, 36.877, 246.380



18, 16.491, 240.013

Previews

White Background



This preview shows how the CIELCh color 75, 43.722, 44.318 looks on a white background.

Color Contrast Check

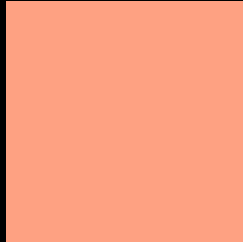
Large Text (above 18pt) WCAG AA × Fail

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, 43.722, 44.318 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, 43.722, 44.318

Background



This preview shows how black text looks on a background with the CIELCh color 75, 43.722, 44.318.



This preview shows how white text looks on a background with the CIELCh color 75, 43.722, 44.318.

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, 43.722, 44.318

Protanopia

75, 24.658, 95.438

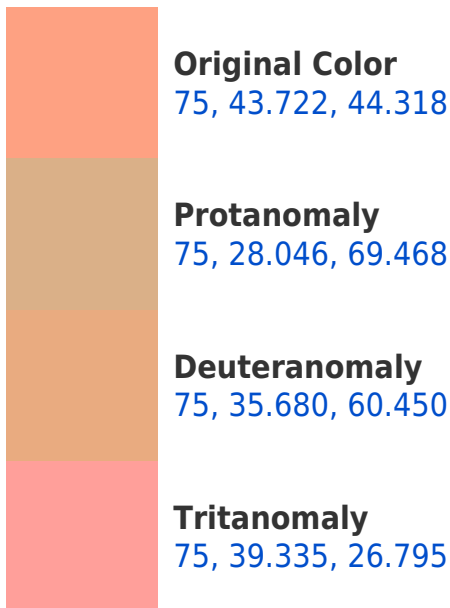
Deuteranopia

75, 33.015, 73.283



Tritanopia
75, 39.026, 14.676

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 43.722, 44.318 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(254, 161, 130)` looks like.

```
.text, #text, p{  
    color:rgb(254, 161, 130)  
}
```

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(254, 161, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 161, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 43.722, 44.318 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(254, 161, 130) }
```

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

```
.border{ border-color:rgb(254, 161, 130) }
```

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

Here you see how a box with a 4 pixel rgb(254, 161, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 161, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 161, 130);  
box-shadow:4px 4px 4px 4px rgb(254, 161,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 43.722, 44.318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 161, 130) }
```

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

```
.background{ background-color: rgb(254,  
161, 130) }
```

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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