

Converting Colors

CIELCh(75, 48.626, 53.217)

Have a look what the booklet for
CIELCh(75, 48.626, 53.217) contains.

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Color

CIELCh(75, 48.835, 52.986)

Conversions

Conversions Part 1

Format	Color
Hex	FEA272
RGB	254, 162, 114
RGB Percent	100%, 64%, 45%
CMY	0.0028, 0.3637, 0.5520
CMYK	0.00, 0.36, 0.55, 0.00
HSL	21°, 99%, 72%
HSV	21°, 55%, 100%
XYZ	56.9975, 48.2781, 22.3068
YIQ	184.0360, 70.2400, 4.5760

Conversions

Conversions Part 2

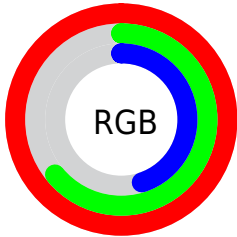
Format	Color
RYB	254, 187, 114
Decimal	16687730
CIELab	75.00, 29.40, 38.99
CIELCh	75, 48.835, 52.986
Yxy	48.2781, 0.4468, 0.3784
Android (android.graphics.Color)	4294877810 (0xFFFEA272)
YUV	184.0360, -34.5277, 61.3584
Hunter-Lab	69.4824, 24.8319, 29.6031

Details

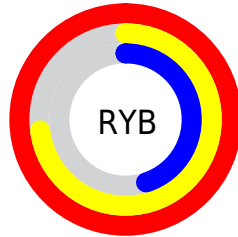
The CIELCh color **75, 48.835, 52.986** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **79, 34.928, 245.915**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 30.237, 77.854**, and **55, 48.465, 53.282** is the 20% darker color. If you saturate the color by 10%, you get **71, 59.622, 52.521**, and if you desaturate by 10%, it is **79, 38.558, 53.526**.

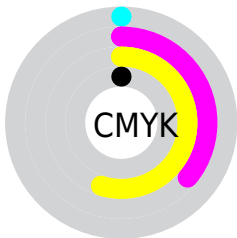
Distribution



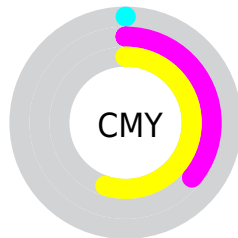
- Red (100%)
- Green (64%)
- Blue (45%)



- Red (100%)
- Yellow (73%)
- Blue (45%)



- Cyan (0%)
- Magenta (36%)
- Yellow (55%)
- Black (0%)



- Cyan (0%)
- Magenta (36%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 48.835, 52.986 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, 48.835, 52.986 by changing the saturation by 10% instead.

75, 48.835, 52.986

75, 48.835, 52.986

100, 48.835,
52.986

65, 48.835, 52.986

95, 48.835, 52.986

55, 48.835, 52.986

45, 48.835, 52.986

35, 48.835, 52.986

25, 48.835, 52.986

15, 48.835, 52.986

5, 48.835, 52.986

0, 48.835, 52.986

75, 48.835, 52.986

75, 48.835, 52.986

71, 59.622, 52.521

79, 38.558, 53.526

67, 70.605, 52.036

84, 28.913, 54.147

64, 81.046, 51.311

88, 19.918, 54.844

61, 89.525, 49.877

93, 11.546, 55.593

60, 92.828, 48.946

97, 3.749, 56.305

100, 0.245,
202.094

Harmonies

Complementary

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



75, 48.835, 52.986



79, 34.928, 245.915

Rectangle

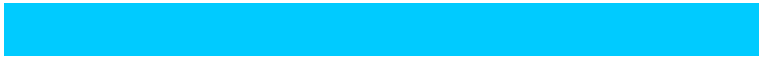
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75, 48.835, 52.986



75, 48.835, 102.986



75, 48.835, 232.986



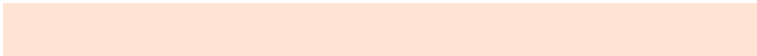
75, 48.835, 282.986

Sweetspot

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



75, 48.834, 52.990



92, 13.142, 55.446



68, 67.533, 340.387



48, 8.855, 55.294



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, 48.834, 52.990



71, 60.777, 52.478



91, 59.137, 95.912



51, 4.278, 56.012



46, 74.458, 49.565



14, 28.027, 47.221

Inverse Universe

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



79, 34.928, 245.915



76, 40.228, 249.346



61, 65.562, 291.869



51, 4.085, 237.855



50, 42.529, 263.812



16, 18.213, 256.559

Previews

White Background



This preview shows how the CIELCh color 75, 48.835, 52.986 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, 48.835, 52.986 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

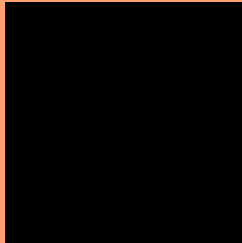
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 48.835, 52.986

Background



This preview shows how black text looks on a background with the CIELCh color 75, 48.835, 52.986.

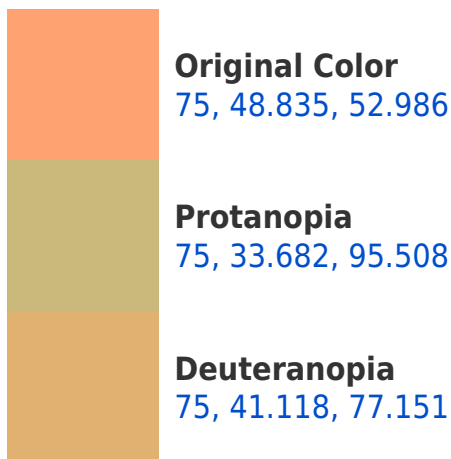


This preview shows how white text looks on a background with the CIELCh color 75, 48.835, 52.986.

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, 39.026, 14.676

Trichromacy



Original Color
75, 48.835, 52.986

Protanomaly
75, 35.995, 76.554

Deuteranomaly
75, 42.982, 67.605

Tritanomaly
75, 40.278, 31.158

Monochromacy



Original Color
75, 48.835, 52.986

Achromatopsia
75, 0.009, 296.813

Achromatomaly
74, 16.466, 53.833

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 48.835, 52.986 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, 162, 114)` looks like.

```
.text, #text, p{  
    color:rgb(254, 162, 114)  
}
```

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, 162, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 162, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 48.835, 52.986 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, 162, 114) }
```

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

```
.border{ border-color:rgb(254, 162, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 162, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 162, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 162, 114);  
box-shadow:4px 4px 4px 4px rgb(254, 162,  
114) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 48.835, 52.986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 162, 114) }
```

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

```
.background{ background-color: rgb(254,  
162, 114) }
```

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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