

Converting Colors

CIELCh(75, 48.006, 56.086)

Have a look what the booklet for
CIELCh(75, 48.006, 56.086) contains.

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Color

CIELCh(75, 48.303, 55.994)

Conversions

Conversions Part 1

Format	Color
Hex	FBA470
RGB	251, 164, 112
RGB Percent	98%, 64%, 44%
CMY	0.0153, 0.3565, 0.5605
CMYK	0.00, 0.35, 0.55, 0.02
HSL	22°, 95%, 71%
HSV	22°, 55%, 98%
XYZ	56.0360, 48.2781, 21.7173
YIQ	184.0850, 68.5440, 2.2720

Conversions

Conversions Part 2

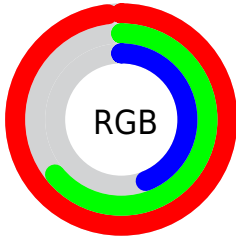
Format	Color
RYB	251, 195, 112
Decimal	16491632
CIELab	75.00, 27.01, 40.04
CIElCh	75, 48.303, 55.994
Yxy	48.2781, 0.4446, 0.3831
Android (android.graphics.Color)	4294681712 (0xFFFB470)
YUV	184.0850, -35.5379, 58.6845
Hunter-Lab	69.4824, 22.3619, 30.1062

Details

The CIELCh color **75, 48.303, 55.994** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **77, 35.607, 250.567**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 31.615, 80.716**, and **55, 48.237, 56.045** is the 20% darker color. If you saturate the color by 10%, you get **71, 58.786, 55.300**, and if you desaturate by 10%, it is **79, 38.268, 56.731**.

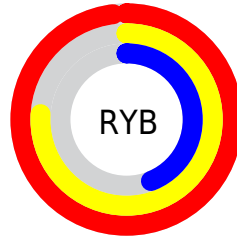
Distribution



Red (98%)

Green (64%)

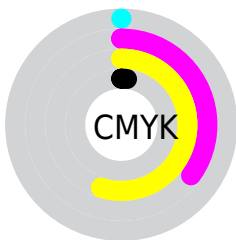
Blue (44%)



Red (98%)

Yellow (76%)

Blue (44%)

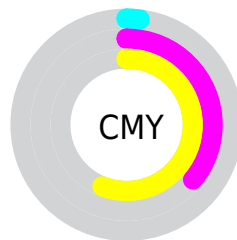


Cyan (0%)

Magenta (35%)

Yellow (55%)

Black (2%)



Cyan (2%)

Magenta (36%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 48.303, 55.994 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, 48.303, 55.994 by changing the saturation by 10% instead.

75, 48.303, 55.994

75, 48.303, 55.994

100, 48.303,
55.994

65, 48.303, 55.994

95, 48.303, 55.994

55, 48.303, 55.994

45, 48.303, 55.994

35, 48.303, 55.994

25, 48.303, 55.994

15, 48.303, 55.994

5, 48.303, 55.994

0, 48.303, 55.994

75, 48.303, 55.994

75, 48.303, 55.994

71, 58.786, 55.300

79, 38.268, 56.731

68, 69.389, 54.549

83, 28.811, 57.524

64, 79.366, 53.521

87, 19.956, 58.372

62, 87.350, 51.768

92, 11.681, 59.255

60, 90.314, 50.768

96, 3.941, 60.097

100, 1.357,
199.807

Harmonies

Complementary

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



75, 48.303, 55.994



77, 35.607, 250.567

Rectangle

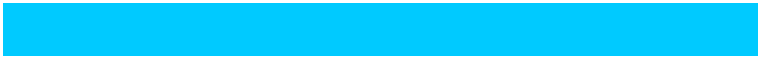
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75, 48.303, 55.994



75, 48.303, 105.994



75, 48.303, 235.994



75, 48.303, 285.994

Sweetspot

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



75, 48.302, 55.998



92, 13.162, 59.108



67, 65.779, 342.152



48, 8.864, 58.930



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, 48.302, 55.998



72, 60.221, 55.252



92, 60.442, 97.933



50, 4.221, 59.770



46, 72.426, 51.429



13, 26.482, 49.503

Inverse Universe

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



77, 35.607, 250.567



74, 41.538, 254.079



59, 68.058, 293.502



50, 4.048, 241.814



48, 44.673, 268.698



14, 18.500, 261.065

Previews

White Background



This preview shows how the CIELCh color 75, 48.303, 55.994 looks on a white background.

Color Contrast Check

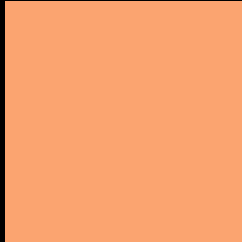
Large Text (above 18pt) WCAG AA × Fail

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, 48.303, 55.994 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

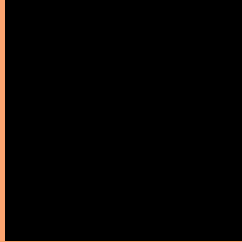
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 48.303, 55.994

Background



This preview shows how black text looks on a background with the CIELCh color 75, 48.303, 55.994.



This preview shows how white text looks on a background with the CIELCh color 75, 48.303, 55.994.

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, 39.016, 13.898

Trichromacy



Original Color
75, 48.303, 55.994

Protanomaly
75, 37.168, 78.098

Deuteranomaly
75, 43.547, 68.728

Tritanomaly
75, 39.578, 31.969

Monochromacy



Original Color
75, 48.303, 55.994

Achromatopsia
75, 0.009, 296.813

Achromatomaly
74, 16.152, 59.180

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 48.303, 55.994 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(251, 164, 112)` looks like.

```
.text, #text, p{  
    color:rgb(251, 164, 112)  
}
```

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(251, 164, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 164, 112) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 48.303, 55.994 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(251, 164, 112) }
```

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

```
.border{ border-color:rgb(251, 164, 112) }
```

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

Here you see how a box with a 4 pixel rgb(251, 164, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 164, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 164, 112);  
box-shadow:4px 4px 4px 4px rgb(251, 164,  
112) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 48.303, 55.994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 164, 112) }
```

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

```
.background{ background-color: rgb(251,  
164, 112) }
```

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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