

Converting Colors

CIELCh(75, 44.136, 41.288)

Have a look what the booklet for
CIELCh(75, 44.136, 41.288) contains.

CIELCh(75, 43.456, 41.669)	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, 43.456, 41.669)

Conversions

Conversions Part 1

Format	Color
Hex	FFA085
RGB	255, 160, 133
RGB Percent	100%, 63%, 52%
CMY	0.0000, 0.3713, 0.4773
CMYK	0.00, 0.37, 0.48, 0.00
HSL	13°, 100%, 76%
HSV	13°, 48%, 100%
XYZ	58.2484, 48.2781, 28.5469
YIQ	185.3270, 65.2870, 11.7430

Conversions

Conversions Part 2

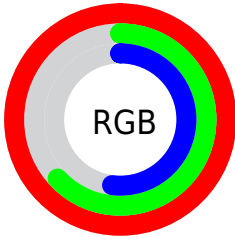
Format	Color
R _Y B	255, 168, 133
Decimal	16752773
CIE Lab	75.00, 32.46, 28.89
CIE LCh	75, 43.456, 41.669
Yxy	48.2781, 0.4312, 0.3574
Android (android.graphics.Color)	4294942853 (0xFFFFA085)
YUV	185.3270, -25.7972, 61.1032
Hunter-Lab	69.4824, 28.0456, 24.2783

Details

The CIELCh color **75, 43.456, 41.669** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **86, 30.361, 225.937**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 21.818, 63.396**, and **55, 43.581, 41.456** is the 20% darker color. If you saturate the color by 10%, you get **70, 54.472, 42.158**, and if you desaturate by 10%, it is **80, 32.856, 41.506**.

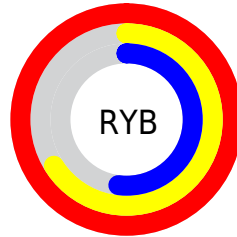
Distribution



Red (100%)

Green (63%)

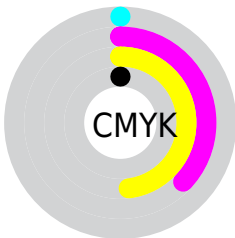
Blue (52%)



Red (100%)

Yellow (66%)

Blue (52%)

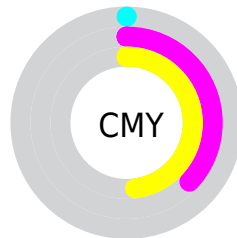


Cyan (0%)

Magenta (37%)

Yellow (48%)

Black (0%)



Cyan (0%)

Magenta (37%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 43.456, 41.669 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, 43.456, 41.669 by changing the saturation by 10% instead.

75, 43.456, 41.669

75, 43.456, 41.669

100, 43.456,
41.669

65, 43.456, 41.669

95, 43.456, 41.669

55, 43.456, 41.669

45, 43.456, 41.669

35, 43.456, 41.669

25, 43.456, 41.669

15, 43.456, 41.669

5, 43.456, 41.669

0, 43.456, 41.669

75, 43.456, 41.669

75, 43.456, 41.669

70, 54.472, 42.158

80, 32.856, 41.506

66, 66.166, 42.790

85, 23.155, 41.462

62, 77.983, 43.531

90, 14.198, 41.557

59, 88.982, 44.074

96, 5.938, 41.720

57, 97.350, 43.779

100, 0.012,
296.813

56, 98.959, 43.709

Harmonies

Complementary

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



75, 43.456, 41.669



86, 30.361, 225.937

Rectangle

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



75, 43.456, 41.669



75, 43.456, 91.669



75, 43.456, 221.669



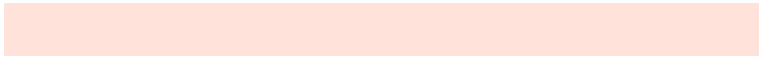
75, 43.456, 271.669

Sweetspot

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



75, 43.312, 41.729



92, 11.042, 41.616



72, 64.437, 334.403



48, 7.691, 41.581



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, 43.312, 41.729



71, 53.641, 42.120



89, 47.034, 88.730



50, 4.402, 41.694



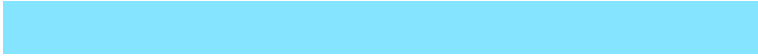
42, 79.232, 44.156



12, 29.656, 38.476

Inverse Universe

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



86, 30.361, 225.937



84, 34.521, 227.516



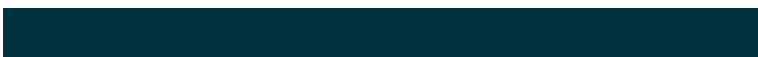
70, 48.262, 283.355



52, 4.152, 222.528



57, 35.902, 240.449



18, 16.248, 234.648

Previews

White Background



This preview shows how the CIELCh color 75, 43.456, 41.669 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, 43.456, 41.669 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, 43.456, 41.669

Background



This preview shows how black text looks on a background with the CIELCh color 75, 43.456, 41.669.



This preview shows how white text looks on a background with the CIELCh color 75, 43.456, 41.669.

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, 43.456, 41.669

Protanopia

75, 22.489, 95.582

Deuteranopia

75, 31.396, 72.540



Tritanopia
75, 39.026, 14.676

Trichromacy



Original Color
75, 43.456, 41.669

Protanomaly
75, 26.321, 66.938

Deuteranomaly
75, 34.514, 58.753

Tritanomaly
75, 39.539, 25.328

Monochromacy



Original Color
75, 43.456, 41.669

Achromatopsia
76, 0.009, 296.813

Achromatomaly
75, 14.459, 42.088

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 43.456, 41.669 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(255, 160, 133)` looks like.

```
.text, #text, p{  
    color:rgb(255, 160, 133)  
}
```

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(255, 160, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 160, 133) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 43.456, 41.669 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(255, 160, 133) }
```

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

```
.border{ border-color:rgb(255, 160, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 160, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 160, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 160, 133);  
box-shadow:4px 4px 4px 4px rgb(255, 160,  
133) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 43.456, 41.669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 160, 133) }
```

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

```
.background{ background-color: rgb(255,  
160, 133) }
```

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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