

Converting Colors

CIELCh(74, 45.287, 56.265)

Have a look what the booklet for
CIELCh(74, 45.287, 56.265) contains.

CIELCh(74, 45.076, 56.429)	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(74, 45.076, 56.429)

Conversions

Conversions Part 1

Format	Color
Hex	F4A372
RGB	244, 163, 114
RGB Percent	96%, 64%, 45%
CMY	0.0427, 0.3603, 0.5525
CMYK	0.00, 0.33, 0.53, 0.04
HSL	23°, 86%, 70%
HSV	23°, 53%, 96%
XYZ	53.5090, 46.7039, 22.1441
YIQ	181.6330, 64.0050, 1.9330

Conversions

Conversions Part 2

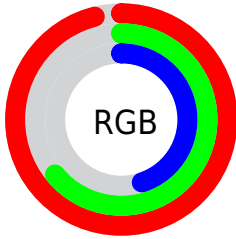
Format	Color
R _Y B	244, 193, 114
Decimal	16032626
CIE Lab	74.00, 24.93, 37.56
CIE LCh	74, 45.076, 56.429
Yxy	46.7039, 0.4373, 0.3817
Android (android.graphics.Color)	4294222706 (0xFFFF4A372)
YUV	181.6330, -33.3431, 54.6959
Hunter-Lab	68.3403, 20.1661, 28.6266

Details

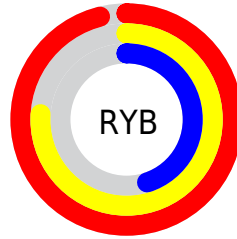
The CIELCh color **74, 45.076, 56.429** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **76, 33.786, 250.336**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 30.456, 78.931**, and **54, 44.818, 56.580** is the 20% darker color. If you saturate the color by 10%, you get **70, 55.227, 55.714**, and if you desaturate by 10%, it is **78, 35.396, 57.194**.

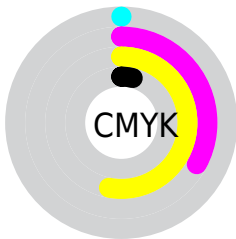
Distribution



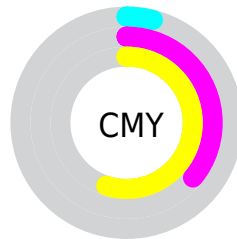
- Red (96%)
- Green (64%)
- Blue (45%)



- Red (96%)
- Yellow (76%)
- Blue (45%)



- Cyan (0%)
- Magenta (33%)
- Yellow (53%)
- Black (4%)



- Cyan (4%)
- Magenta (36%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 45.076, 56.429 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 74, 45.076, 56.429 by changing the saturation by 10% instead.

74, 45.076, 56.429

74, 45.076, 56.429

100, 45.076,
56.429

64, 45.076, 56.429

94, 45.076, 56.429

54, 45.076, 56.429

44, 45.076, 56.429

34, 45.076, 56.429

24, 45.076, 56.429

14, 45.076, 56.429

4, 45.076, 56.429

0, 45.076, 56.429

74, 45.076, 56.429

74, 45.076, 56.429

70, 55.227, 55.714

78, 35.396, 57.194

67, 65.587, 54.967

82, 26.287, 58.013

64, 75.540, 54.008

86, 17.760, 58.882

61, 83.887, 52.443

90, 9.787, 59.778

59, 88.221, 50.997

95, 2.325, 60.549

99, 3.551, 204.542

99, 3.759, 199.343

Harmonies

Complementary

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



74, 45.076, 56.429



76, 33.786, 250.336

Rectangle

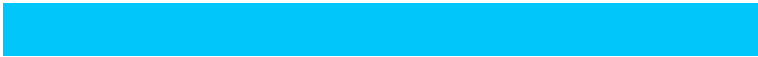
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74, 45.076, 56.429



74, 45.076, 106.429



74, 45.076, 236.429



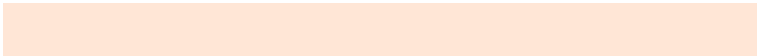
74, 45.076, 286.429

Sweetspot

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



74, 45.075, 56.433



93, 12.350, 59.529



66, 62.212, 341.889



49, 8.396, 59.343



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



74, 45.075, 56.433



73, 58.031, 55.650



90, 57.017, 98.177



49, 4.152, 60.110



45, 71.561, 51.640



13, 25.229, 49.328

Inverse Universe

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



76, 33.786, 250.336



75, 40.669, 253.781



58, 63.727, 292.973



49, 3.984, 242.167



47, 44.438, 269.068



13, 17.991, 261.034

Previews

White Background



This preview shows how the CIELCh color 74, 45.076, 56.429 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 74, 45.076, 56.429 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 74, 45.076, 56.429

Background



This preview shows how black text looks on a background with the CIELCh color 74, 45.076, 56.429.



This preview shows how white text looks on a background with the CIELCh color 74, 45.076, 56.429.

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
74, 36.701, 13.049

Trichromacy



Original Color
74, 45.076, 56.429

Protanomaly
74, 34.912, 77.924

Deuteranomaly
74, 40.607, 68.183

Tritanomaly
74, 36.968, 31.635

Monochromacy



Original Color
74, 45.076, 56.429

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 15.508, 58.666

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 45.076, 56.429 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(244, 163, 114)` looks like.

```
.text, #text, p{  
    color:rgb(244, 163, 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(244, 163, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 163, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 45.076, 56.429 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(244, 163, 114) }
```

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

```
.border{ border-color:rgb(244, 163, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 163, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 163, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 163, 114);  
box-shadow:4px 4px 4px 4px rgb(244, 163,  
114) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 45.076, 56.429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 163, 114) }
```

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

```
.background{ background-color: rgb(244,  
163, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor