

Converting Colors

CIELCh(74, 43.268, 56.508)

Have a look what the booklet for
CIELCh(74, 43.268, 56.508) contains.

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Color

CIELCh(74, 43.179, 56.458)

Conversions

Conversions Part 1

Format	Color
Hex	F2A475
RGB	242, 164, 117
RGB Percent	95%, 64%, 46%
CMY	0.0510, 0.3569, 0.5412
CMYK	0.00, 0.32, 0.52, 0.05
HSL	23°, 83%, 70%
HSV	23°, 52%, 95%
XYZ	53.0951, 46.7039, 23.0419
YIQ	181.9640, 61.5750, 1.9190

Conversions

Conversions Part 2

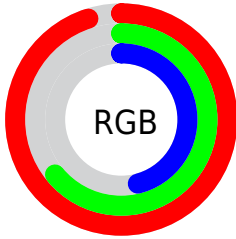
Format	Color
R _Y B	242, 192, 117
Decimal	15901813
CIE Lab	74.00, 23.86, 35.99
CIE LCh	74, 43.179, 56.458
Yxy	46.7039, 0.4322, 0.3802
Android (android.graphics.Color)	4294091893 (0xFFFF2A475)
YUV	181.9640, -32.0273, 52.6516
Hunter-Lab	68.3403, 19.0851, 27.8477

Details

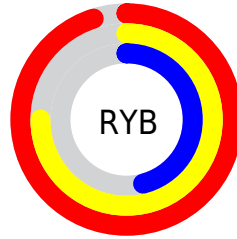
The CIELCh color **74, 43.179, 56.458** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **76, 32.666, 249.750**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 29.301, 78.803**, and **54, 43.165, 56.352** is the 20% darker color. If you saturate the color by 10%, you get **70, 53.199, 55.746**, and if you desaturate by 10%, it is **78, 33.653, 57.227**.

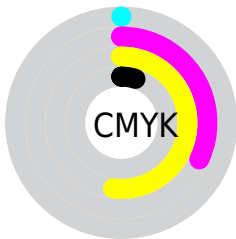
Distribution



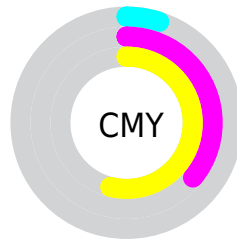
- Red (95%)
- Green (64%)
- Blue (46%)



- Red (95%)
- Yellow (75%)
- Blue (46%)



- Cyan (0%)
- Magenta (32%)
- Yellow (52%)
- Black (5%)



- Cyan (5%)
- Magenta (36%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 43.179, 56.458 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, 43.179, 56.458 by changing the saturation by 10% instead.

 74, 43.179, 56.458

 74, 43.179, 56.458

 100, 43.179,
56.458

 64, 43.179, 56.458

 94, 43.179, 56.458

 54, 43.179, 56.458

 44, 43.179, 56.458

 34, 43.179, 56.458

 24, 43.179, 56.458

 14, 43.179, 56.458

 4, 43.179, 56.458

 0, 43.179, 56.458

 74, 43.179, 56.458

 74, 43.179, 56.458

70, 53.199, 55.746

78, 33.653, 57.227

67, 63.488, 55.019

82, 24.701, 58.050

63, 73.509, 54.123

86, 16.325, 58.921

61, 82.178, 52.704

90, 8.494, 59.812

58, 87.667, 50.959

95, 1.162, 60.364

99, 4.346, 202.080

99, 4.488, 199.268

Harmonies

Complementary

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



74, 43.179, 56.458



76, 32.666, 249.750

Rectangle

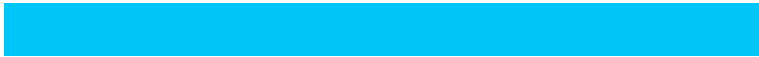
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74, 43.179, 56.458



74, 43.179, 106.458



74, 43.179, 236.458



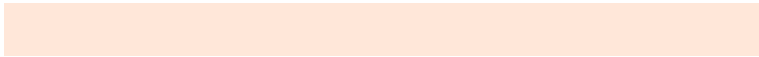
74, 43.179, 286.458

Sweetspot

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



74, 43.178, 56.463



93, 11.537, 59.511



66, 60.142, 341.698



49, 7.928, 59.322



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, 43.178, 56.463



74, 55.904, 55.709



89, 55.024, 98.360



48, 4.080, 60.002



45, 70.843, 51.621



12, 23.997, 48.759

Inverse Universe

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



76, 32.666, 249.750



75, 39.612, 252.960



59, 61.174, 292.587



48, 3.915, 242.050



46, 43.874, 268.877



13, 17.373, 260.401

Previews

White Background



This preview shows how the CIELCh color 74, 43.179, 56.458 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, 43.179, 56.458 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

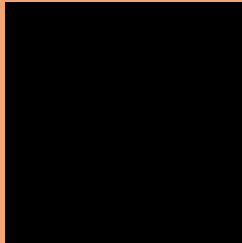
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 43.179, 56.458

Background



This preview shows how black text looks on a background with the CIELCh color 74, 43.179, 56.458.

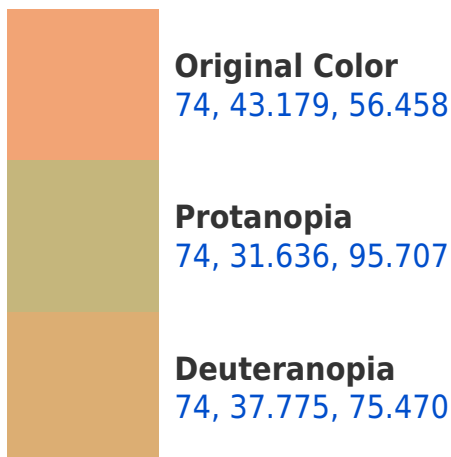


This preview shows how white text looks on a background with the CIELCh color 74, 43.179, 56.458.

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](#).

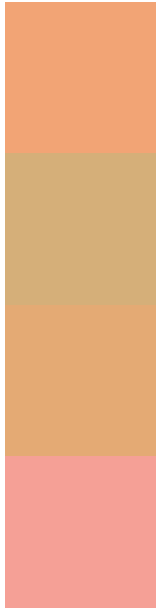
Dichromacy





Tritanopia
74, 35.485, 12.555

Trichromacy



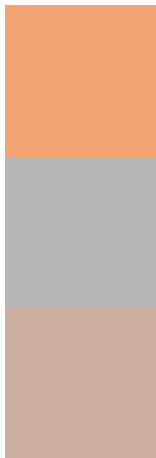
Original Color
74, 43.179, 56.458

Protanomaly
74, 33.515, 78.468

Deuteranomaly
74, 39.014, 67.453

Tritanomaly
74, 35.503, 31.033

Monochromacy



Original Color
74, 43.179, 56.458

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 14.826, 58.118

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 43.179, 56.458 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(242, 164, 117)` looks like.

```
.text, #text, p{  
    color:rgb(242, 164, 117)  
}
```

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(242, 164, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 164, 117) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 43.179, 56.458 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(242, 164, 117) }
```

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

```
.border{ border-color:rgb(242, 164, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 164, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(242, 164, 117); -webkit-box-shadow:4px 4px 4px 4px rgb(242, 164, 117); box-shadow:4px 4px 4px 4px rgb(242, 164, 117) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 43.179, 56.458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 164, 117) }
```

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

```
.background{ background-color: rgb(242,  
164, 117) }
```

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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