

Converting Colors

CIELCh(82, 79.831, 39.480)

Have a look what the booklet for
CIELCh(82, 79.831, 39.480) contains.

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Color

CIELCh(72, 51.446, 45.837)

Conversions

Conversions Part 1

Format	Color
Hex	FE956F
RGB	254, 149, 111
RGB Percent	100%, 58%, 44%
CMY	0.0047, 0.4158, 0.5647
CMYK	0.00, 0.41, 0.56, 0.00
HSL	16°, 98%, 72%
HSV	16°, 56%, 100%
XYZ	54.4067, 43.6590, 20.6020
YIQ	176.0630, 74.7780, 10.4420

Conversions

Conversions Part 2

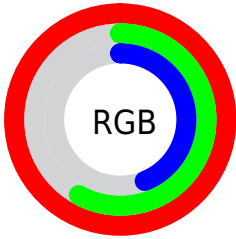
Format	Color
R_{YB}	254, 163, 111
Decimal	16684399
CIE _{Lab}	72.00, 35.84, 36.91
CIE _{LCh}	72, 51.446, 45.837
Yxy	43.6590, 0.4585, 0.3679
Android (android.graphics.Color)	4294874479 (0xFFFE956F)
YUV	176.0630, -32.0761, 68.3507
Hunter-Lab	66.0750, 31.3473, 27.7660

Details

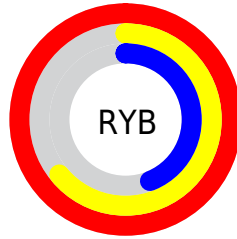
The CIELCh color **72, 51.446, 45.837** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **82, 34.174, 234.289**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **86, 30.066, 65.180**, and **52, 51.535, 46.159** is the 20% darker color. If you saturate the color by 10%, you get **68, 62.770, 46.035**, and if you desaturate by 10%, it is **76, 40.684, 45.796**.

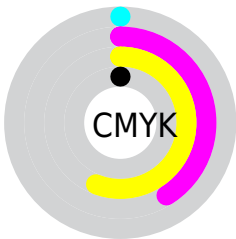
Distribution



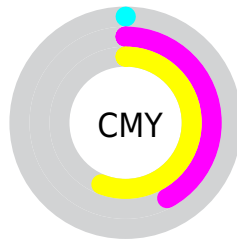
- Red (100%)
- Green (58%)
- Blue (44%)



- Red (100%)
- Yellow (64%)
- Blue (44%)



- Cyan (0%)
- Magenta (41%)
- Yellow (56%)
- Black (0%)



- Cyan (0%)
- Magenta (42%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 51.446, 45.837 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 72, 51.446, 45.837 by changing the saturation by 10% instead.

72, 51.446, 45.837

72, 51.446, 45.837

100, 51.446,
45.837

62, 51.446, 45.837

92, 51.446, 45.837

52, 51.446, 45.837

42, 51.446, 45.837

32, 51.446, 45.837

22, 51.446, 45.837

12, 51.446, 45.837

2, 51.446, 45.837

0, 51.446, 45.837

72, 51.446, 45.837

72, 51.446, 45.837

68, 62.770, 46.035

76, 40.684, 45.796

64, 74.311, 46.295

81, 30.622, 45.908

61, 85.250, 46.364

86, 21.288, 46.158

58, 93.944, 45.665

91, 12.658, 46.510

57, 96.590, 45.304

96, 4.682, 46.885

100, 0.420,
200.958

Harmonies

Complementary

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



72, 51.446, 45.837



82, 34.174, 234.289

Rectangle

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



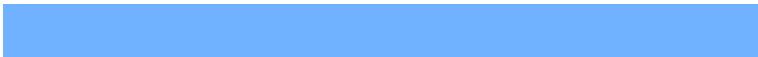
72, 51.446, 45.837



72, 51.446, 95.837



72, 51.446, 225.837



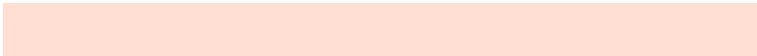
72, 51.446, 275.837

Sweetspot

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



72, 51.444, 45.841



91, 13.327, 46.481



68, 72.410, 336.524



47, 8.986, 46.405



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



72, 51.444, 45.841



67, 65.033, 46.080



88, 56.467, 90.055



50, 4.326, 46.775



43, 77.591, 45.814



12, 29.024, 41.337

Inverse Universe

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



82, 34.174, 234.289



79, 38.913, 237.405



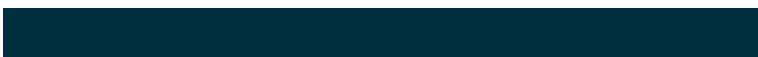
63, 60.010, 287.678



51, 4.094, 228.002



55, 37.580, 249.593



17, 16.685, 242.971

Previews

White Background



This preview shows how the CIELCh color 72, 51.446, 45.837 looks on a white background.

Color Contrast Check

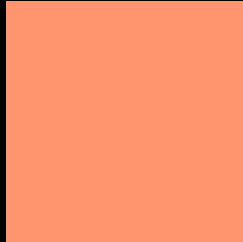
Large Text (above 18pt) WCAG AA × Fail

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 72, 51.446, 45.837 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 72, 51.446, 45.837

Background



This preview shows how black text looks on a background with the CIELCh color 72, 51.446, 45.837.



This preview shows how white text looks on a background with the CIELCh color 72, 51.446, 45.837.

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

72, 51.525, 45.839

Protanopia

72, 30.148, 95.997

Deuteranopia

72, 39.151, 76.806



Tritanopia
72, 44.824, 17.299

Trichromacy



Original Color
72, 51.525, 45.839

Protanomaly
72, 33.784, 70.853

Deuteranomaly
72, 41.952, 63.810

Tritanomaly
72, 45.909, 29.036

Monochromacy



Original Color
72, 51.525, 45.839

Achromatopsia
72, 0.009, 296.813

Achromatomaly
71, 17.211, 46.574

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 51.446, 45.837 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, 149, 111)` looks like.

```
.text, #text, p{  
    color:rgb(254, 149, 111)  
}
```

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, 149, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 149, 111) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 51.446, 45.837 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, 149, 111) }
```

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

```
.border{ border-color:rgb(254, 149, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 149, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 149, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 149, 111);  
box-shadow:4px 4px 4px 4px rgb(254, 149,  
111) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 51.446, 45.837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 149, 111) }
```

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

```
.background{ background-color: rgb(254,  
149, 111) }
```

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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