

Converting Colors

CIELCh(72, 54.731, 50.148)

Have a look what the booklet for
CIELCh(72, 54.731, 50.148) contains.

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Color

CIELCh(72, 54.825, 50.093)

Conversions

Conversions Part 1

Format	Color
Hex	FE9565
RGB	254, 149, 101
RGB Percent	100%, 58%, 40%
CMY	0.0027, 0.4146, 0.6029
CMYK	0.00, 0.41, 0.60, 0.00
HSL	19°, 99%, 70%
HSV	19°, 60%, 100%
XYZ	54.1438, 43.6590, 17.9522
YIQ	174.9230, 77.9880, 7.3320

Conversions

Conversions Part 2

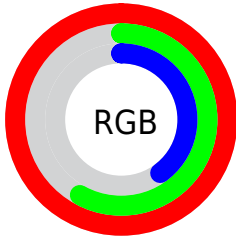
Format	Color
RYB	254, 171, 101
Decimal	16684389
CIELab	72.00, 35.17, 42.06
CIElCh	72, 54.825, 50.093
Yxy	43.6590, 0.4677, 0.3772
Android (android.graphics.Color)	4294874469 (0xFFFE9565)
YUV	174.9230, -36.4440, 69.3505
Hunter-Lab	66.0750, 30.6369, 30.1437

Details

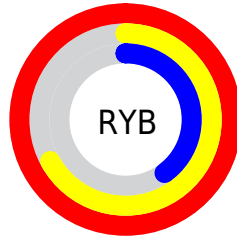
The CIELCh color **72, 54.825, 50.093** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **79, 36.674, 242.918**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **85, 34.248, 70.375**, and **52, 55.029, 50.278** is the 20% darker color. If you saturate the color by 10%, you get **68, 65.985, 49.886**, and if you desaturate by 10%, it is **76, 44.088, 50.376**.

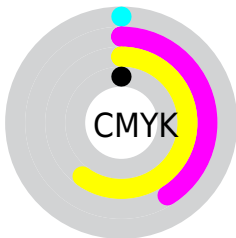
Distribution



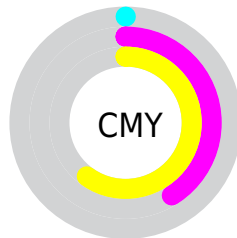
- Red (100%)
- Green (58%)
- Blue (40%)



- Red (100%)
- Yellow (67%)
- Blue (40%)



- Cyan (0%)
- Magenta (41%)
- Yellow (60%)
- Black (0%)



- Cyan (0%)
- Magenta (41%)
- Yellow (60%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 54.825, 50.093 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, 54.825, 50.093 by changing the saturation by 10% instead.

 72, 54.825, 50.093

 72, 54.825, 50.093

 100, 54.825,
50.093

 62, 54.825, 50.093

 92, 54.825, 50.093

 52, 54.825, 50.093

 42, 54.825, 50.093

 32, 54.825, 50.093

 22, 54.825, 50.093

 12, 54.825, 50.093

 2, 54.825, 50.093

 0, 54.825, 50.093

 72, 54.825, 50.093

 72, 54.825, 50.093

68, 65.985, 49.886

76, 44.088, 50.376

65, 77.080, 49.605

81, 33.977, 50.765

61, 87.028, 48.901

85, 24.550, 51.259

59, 94.344, 47.439

90, 15.796, 51.839

95, 7.675, 52.462

100, 0.129, 48.609

100, 0.236,
202.202

Harmonies

Complementary

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



72, 54.825, 50.093



79, 36.674, 242.918

Rectangle

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



72, 54.825, 50.093



72, 54.825, 100.093



72, 54.825, 230.093



72, 54.825, 280.093

Sweetspot

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



72, 54.823, 50.097



91, 14.001, 51.973



66, 74.124, 339.272



47, 9.838, 51.794



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, 54.823, 50.097



68, 68.176, 49.847



90, 62.508, 93.085



51, 4.283, 52.504



45, 75.658, 48.022



13, 28.378, 44.878

Inverse Universe

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



79, 36.674, 242.918



75, 41.621, 246.836



58, 69.242, 291.533



51, 4.075, 234.130



52, 40.387, 258.775



16, 17.528, 251.645

Previews

White Background



This preview shows how the CIELCh color 72, 54.825, 50.093 looks on a white background.

Color Contrast Check

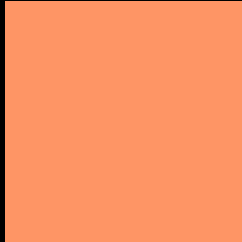
Large Text (above 18pt) WCAG AA × Fail

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, 54.825, 50.093 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, 54.825, 50.093

Background



This preview shows how black text looks on a background with the CIELCh color 72, 54.825, 50.093.



This preview shows how white text looks on a background with the CIELCh color 72, 54.825, 50.093.

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, 54.825, 50.093

Protanopia

72, 35.462, 95.626

Deuteranopia

72, 44.268, 78.402



Tritanopia
72, 44.824, 17.299

Trichromacy



Original Color
72, 54.825, 50.093

Protanomaly
72, 38.598, 74.194

Deuteranomaly
72, 46.368, 66.354

Tritanomaly
72, 46.447, 30.902

Monochromacy



Original Color
72, 54.825, 50.093

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 18.422, 52.288

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 54.825, 50.093 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, 101)` looks like.

```
.text, #text, p{  
    color:rgb(254, 149, 101)  
}
```

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, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 149, 101) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 54.825, 50.093 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, 101) }
```

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

```
.border{ border-color:rgb(254, 149, 101) }
```

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, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 149, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 149, 101);  
box-shadow:4px 4px 4px 4px rgb(254, 149,  
101) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 54.825, 50.093 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, 101) }
```

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

```
.background{ background-color: rgb(254,  
149, 101) }
```

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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