

Converting Colors

CIELCh(73, 50.571, 54.597)

Have a look what the booklet for
CIELCh(73, 50.571, 54.597) contains.

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Color

CIELCh(73, 50.646, 54.583)

Conversions

Conversions Part 1

Format	Color
Hex	F99D69
RGB	249, 157, 105
RGB Percent	98%, 62%, 41%
CMY	0.0244, 0.3850, 0.5889
CMYK	0.00, 0.37, 0.58, 0.02
HSL	22°, 92%, 69%
HSV	22°, 58%, 98%
XYZ	53.5535, 45.1644, 19.2109
YIQ	178.5800, 71.5240, 3.3320

Conversions

Conversions Part 2

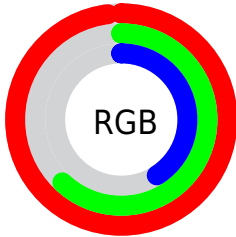
Format	Color
RYB	249, 186, 105
Decimal	16358761
CIELab	73.00, 29.35, 41.27
CIELCh	73, 50.646, 54.583
Yxy	45.1644, 0.4541, 0.3830
Android (android.graphics.Color)	4294548841 (0xFFFF99D69)
YUV	178.5800, -36.2749, 61.7583
Hunter-Lab	67.2044, 24.6342, 30.0946

Details

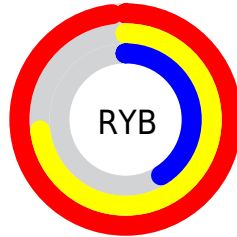
The CIELCh color **73, 50.646, 54.583** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **76, 36.229, 249.428**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **87, 33.766, 76.649**, and **53, 50.444, 54.786** is the 20% darker color. If you saturate the color by 10%, you get **69, 61.212, 53.984**, and if you desaturate by 10%, it is **77, 40.492, 55.224**.

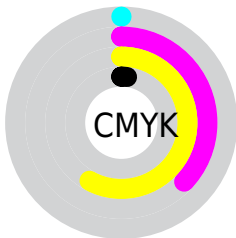
Distribution



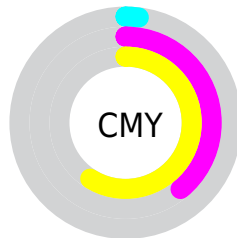
- Red (98%)
- Green (62%)
- Blue (41%)



- Red (98%)
- Yellow (73%)
- Blue (41%)



- Cyan (0%)
- Magenta (37%)
- Yellow (58%)
- Black (2%)



- Cyan (2%)
- Magenta (39%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 50.646, 54.583 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 73, 50.646, 54.583 by changing the saturation by 10% instead.

73, 50.646, 54.583

73, 50.646, 54.583

100, 50.646,
54.583

63, 50.646, 54.583

93, 50.646, 54.583

53, 50.646, 54.583

43, 50.646, 54.583

33, 50.646, 54.583

23, 50.646, 54.583

13, 50.646, 54.583

3, 50.646, 54.583

0, 50.646, 54.583

73, 50.646, 54.583

73, 50.646, 54.583

69, 61.212, 53.984

77, 40.492, 55.224

66, 71.791, 53.303

81, 30.913, 55.929

63, 81.501, 52.267

85, 21.948, 56.700

60, 88.915, 50.414

90, 13.583, 57.521

59, 90.326, 50.018

94, 5.776, 58.344

99, 1.524, 239.707

100, 2.157,
199.576

Harmonies

Complementary

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



73, 50.646, 54.583



76, 36.229, 249.428

Rectangle

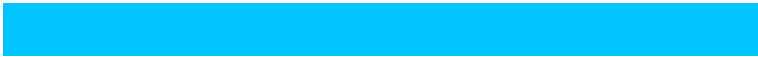
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73, 50.646, 54.583



73, 50.646, 104.583



73, 50.646, 234.583



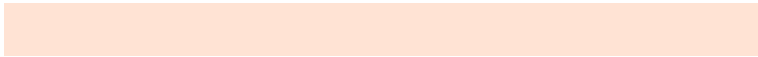
73, 50.646, 284.583

Sweetspot

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



73, 50.645, 54.587



92, 13.147, 57.592



65, 68.422, 341.567



48, 8.856, 57.424



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



73, 50.645, 54.587



70, 63.699, 53.908



90, 61.612, 96.638



50, 4.213, 58.215



46, 72.948, 50.648



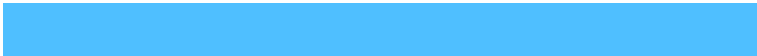
13, 26.610, 48.358

Inverse Universe

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



76, 36.229, 249.428



74, 42.363, 253.248



57, 69.472, 293.357



50, 4.033, 240.178



49, 43.560, 266.709



14, 18.141, 259.067

Previews

White Background



This preview shows how the CIELCh color 73, 50.646, 54.583 looks on a white background.

Color Contrast Check

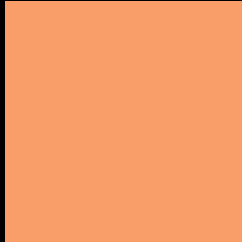
Large Text (above 18pt) WCAG AA × Fail

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 73, 50.646, 54.583 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

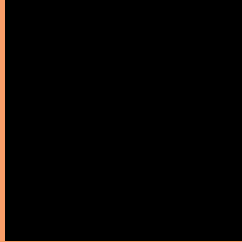
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 50.646, 54.583

Background



This preview shows how black text looks on a background with the CIELCh color 73, 50.646, 54.583.



This preview shows how white text looks on a background with the CIELCh color 73, 50.646, 54.583.

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
73, 41.312, 15.496

Trichromacy



Original Color
73, 50.646, 54.583

Protanomaly
73, 38.549, 77.990

Deuteranomaly
73, 44.907, 68.059

Tritanomaly
73, 41.916, 31.137

Monochromacy



Original Color
73, 50.646, 54.583

Achromatopsia
73, 0.009, 296.813

Achromatomaly
72, 17.283, 56.572

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 50.646, 54.583 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(249, 157, 105)` looks like.

```
.text, #text, p{  
    color:rgb(249, 157, 105)  
}
```

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(249, 157, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 157, 105) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 50.646, 54.583 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(249, 157, 105) }
```

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

```
.border{ border-color:rgb(249, 157, 105) }
```

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

Here you see how a box with a 4 pixel rgb(249, 157, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 157, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 157, 105);  
box-shadow:4px 4px 4px 4px rgb(249, 157,  
105) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 50.646, 54.583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 157, 105) }
```

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

```
.background{ background-color: rgb(249,  
157, 105) }
```

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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