

Converting Colors

CIELCh(69, 64.762, 55.160)

Have a look what the booklet for
CIELCh(69, 64.762, 55.160) contains.

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Color

CIELCh(69, 64.720, 55.075)

Conversions

Conversions Part 1

Format	Color
Hex	FA8B48
RGB	250, 139, 72
RGB Percent	98%, 55%, 28%
CMY	0.0188, 0.4542, 0.7170
CMYK	0.00, 0.44, 0.71, 0.02
HSL	23°, 95%, 63%
HSV	23°, 71%, 98%
XYZ	49.9274, 39.3444, 11.1207
YIQ	164.5510, 87.6630, 2.6950

Conversions

Conversions Part 2

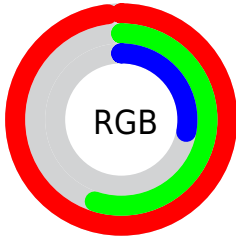
Format	Color
R _Y B	250, 179, 72
Decimal	16419656
CIE Lab	69.00, 37.05, 53.06
CIE LCh	69, 64.720, 55.075
Yxy	39.3444, 0.4973, 0.3919
Android (android.graphics.Color)	4294609736 (0xFFFA8B48)
YUV	164.5510, -45.6276, 74.9388
Hunter-Lab	62.7251, 32.3119, 33.3959

Details

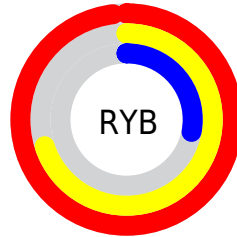
The CIELCh color **69, 64.720, 55.075** is a light color, and the websafe version is hex **FF9966**. The color can be described as light washed orange. A complement of this color would be **71, 43.484, 256.343**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 46.051, 72.550**, and **49, 64.908, 54.986** is the 20% darker color. If you saturate the color by 10%, you get **66, 75.036, 54.188**, and if you desaturate by 10%, it is **73, 54.153, 55.807**.

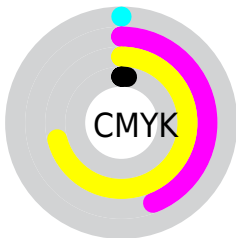
Distribution



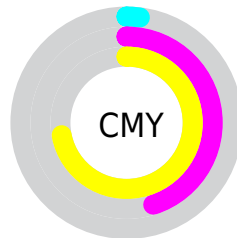
- Red (98%)
- Green (55%)
- Blue (28%)



- Red (98%)
- Yellow (70%)
- Blue (28%)



- Cyan (0%)
- Magenta (44%)
- Yellow (71%)
- Black (2%)



- Cyan (2%)
- Magenta (45%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 64.720, 55.075 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 69, 64.720, 55.075 by changing the saturation by 10% instead.

69, 64.720, 55.075

69, 64.720, 55.075

100, 64.720,
55.075

59, 64.720, 55.075

89, 64.720, 55.075

49, 64.720, 55.075

99, 64.720, 55.075

39, 64.720, 55.075

29, 64.720, 55.075

19, 64.720, 55.075

9, 64.720, 55.075

0, 64.720, 55.075

69, 64.720, 55.075

69, 64.720, 55.075

66, 75.036, 54.188

73, 54.153, 55.807

63, 84.010, 52.790

76, 43.876, 56.529

60, 89.949, 50.913

81, 34.115, 57.299

85, 24.944, 58.127

89, 16.364, 59.003

93, 8.343, 59.897

98, 0.833, 60.259

100, 1.667,
199.697

Harmonies

Complementary

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



69, 64.720, 55.075



71, 43.484, 256.343

Rectangle

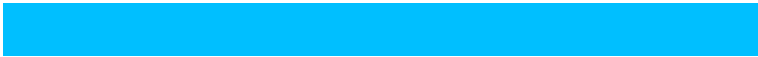
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69, 64.720, 55.075



69, 64.720, 105.075



69, 64.720, 235.075



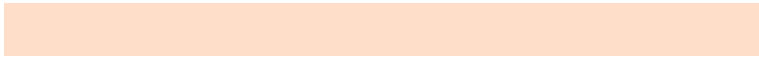
69, 64.720, 285.075

Sweetspot

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



69, 64.718, 55.078



91, 16.486, 59.015



60, 78.984, 344.354



47, 11.264, 58.770



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



69, 64.718, 55.078



66, 79.946, 53.728



90, 74.536, 96.209



50, 4.222, 60.042



46, 72.335, 51.570



13, 26.461, 49.707

Inverse Universe

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



71, 43.484, 256.343



68, 50.446, 262.455



48, 89.674, 297.652



50, 4.051, 242.100



48, 44.873, 269.039



14, 18.566, 261.409

Previews

White Background



This preview shows how the CIELCh color 69, 64.720, 55.075 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 69, 64.720, 55.075 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 69, 64.720, 55.075

Background



This preview shows how black text looks on a background with the CIELCh color 69, 64.720, 55.075.



This preview shows how white text looks on a background with the CIELCh color 69, 64.720, 55.075.

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
69, 50.316, 18.971

Trichromacy



Original Color
69, 64.720, 55.075

Protanomaly
69, 49.600, 77.339

Deuteranomaly
69, 56.860, 69.501

Tritanomaly
69, 52.964, 34.758

Monochromacy



Original Color
69, 64.720, 55.075

Achromatopsia
68, 0.008, 296.813

Achromatomaly
67, 21.894, 58.901

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 64.720, 55.075 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(250, 139, 72)` looks like.

```
.text, #text, p{  
    color:rgb(250, 139, 72)  
}
```

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(250, 139, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 139, 72) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 64.720, 55.075 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(250, 139, 72) }
```

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

```
.border{ border-color:rgb(250, 139, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 139, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 139, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 139, 72);  
box-shadow:4px 4px 4px 4px rgb(250, 139,  
72) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 64.720, 55.075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 139, 72) }
```

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

```
.background{ background-color: rgb(250,  
139, 72) }
```

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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