

Converting Colors

CIELCh(68, 55.763, 41.953)

Have a look what the booklet for
CIELCh(68, 55.763, 41.953) contains.

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Color

CIELCh(68, 55.525, 41.783)

Conversions

Conversions Part 1

Format	Color
Hex	F98565
RGB	249, 133, 101
RGB Percent	98%, 52%, 40%
CMY	0.0225, 0.4775, 0.6031
CMYK	0.00, 0.47, 0.59, 0.02
HSL	13°, 93%, 69%
HSV	13°, 59%, 98%
XYZ	49.9425, 37.9720, 17.0646
YIQ	164.0360, 79.4080, 14.6400

Conversions

Conversions Part 2

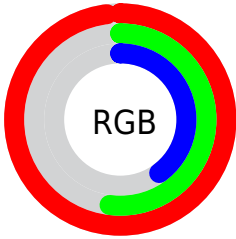
Format	Color
R _Y B	249, 142, 101
Decimal	16352613
CIE Lab	68.00, 41.40, 37.00
CIE LCh	68, 55.525, 41.783
Yxy	37.9720, 0.4757, 0.3617
Android (android.graphics.Color)	4294542693 (0xFFFF98565)
YUV	164.0360, -31.0767, 74.5134
Hunter-Lab	61.6215, 36.8318, 26.7160

Details

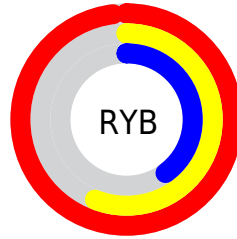
The CIELCh color **68, 55.525, 41.783** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **82, 34.860, 227.056**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 33.658, 53.858**, and **48, 55.666, 41.994** is the 20% darker color. If you saturate the color by 10%, you get **64, 67.089, 42.503**, and if you desaturate by 10%, it is **73, 44.434, 41.274**.

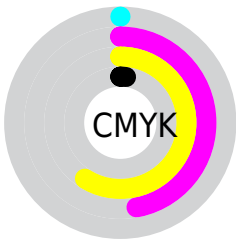
Distribution



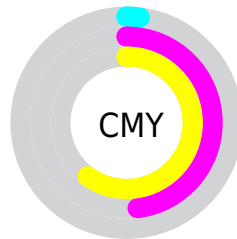
- Red (98%)
- Green (52%)
- Blue (40%)



- Red (98%)
- Yellow (56%)
- Blue (40%)



- Cyan (0%)
- Magenta (47%)
- Yellow (59%)
- Black (2%)



- Cyan (2%)
- Magenta (48%)
- Yellow (60%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 55.525, 41.783 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 68, 55.525, 41.783 by changing the saturation by 10% instead.

 68, 55.525, 41.783

 68, 55.525, 41.783

 100, 55.525,
41.783

 58, 55.525, 41.783

 88, 55.525, 41.783

 48, 55.525, 41.783

 98, 55.525, 41.783

 38, 55.525, 41.783

 28, 55.525, 41.783

 18, 55.525, 41.783

 8, 55.525, 41.783

 0, 55.525, 41.783

 68, 55.525, 41.783

 68, 55.525, 41.783

 64, 67.089, 42.503

 73, 44.434, 41.274

60, 78.672, 43.307

77, 34.019, 40.977

57, 89.219, 43.840

82, 24.341, 40.870

55, 97.043, 43.557

88, 15.401, 40.912

55, 97.471, 43.555

93, 7.158, 41.044

98, 0.446, 222.828

100, 1.988,
199.613

Harmonies

Complementary

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



68, 55.525, 41.783



82, 34.860, 227.056

Rectangle

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



68, 55.525, 41.783



68, 55.525, 91.783



68, 55.525, 221.783



68, 55.525, 271.783

Sweetspot

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



68, 55.523, 41.787



90, 14.476, 40.927



66, 77.066, 334.603



47, 10.182, 40.898



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



68, 55.523, 41.787



65, 70.265, 42.638



84, 56.652, 85.773



49, 4.342, 41.043



42, 78.619, 43.987



11, 28.495, 37.513

Inverse Universe

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



82, 34.860, 227.056



81, 39.385, 229.725



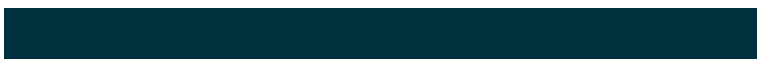
62, 58.480, 285.403



51, 4.094, 221.824



57, 35.388, 239.171



18, 15.781, 233.233

Previews

White Background



This preview shows how the CIELCh color 68, 55.525, 41.783 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 68, 55.525, 41.783 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 68, 55.525, 41.783

Background



This preview shows how black text looks on a background with the CIELCh color 68, 55.525, 41.783.



This preview shows how white text looks on a background with the CIELCh color 68, 55.525, 41.783.

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](#).

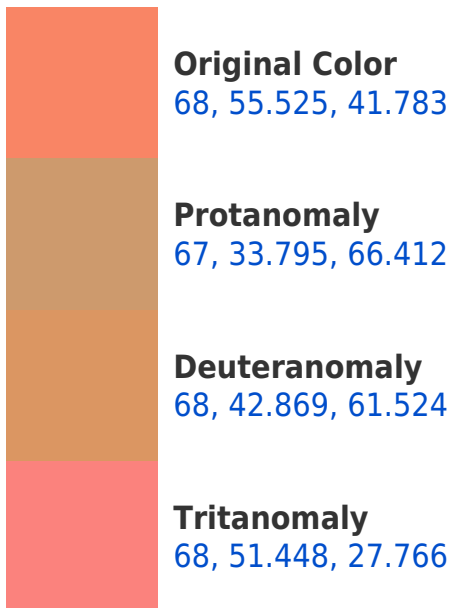
Dichromacy





Tritanopia
68, 50.887, 19.188

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 55.525, 41.783 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, 133, 101)` looks like.

```
.text, #text, p{  
    color:rgb(249, 133, 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(249, 133, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 133, 101) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 55.525, 41.783 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, 133, 101) }
```

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

```
.border{ border-color:rgb(249, 133, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 133, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 133, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 133, 101);  
box-shadow:4px 4px 4px 4px rgb(249, 133,  
101) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 55.525, 41.783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 133, 101) }
```

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

```
.background{ background-color: rgb(249,  
133, 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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