

Converting Colors

CIELCh(78, 43.201, 55.587)

Have a look what the booklet for
CIELCh(78, 43.201, 55.587) contains.

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Color

CIELCh(78, 43.277, 55.195)

Conversions

Conversions Part 1

Format	Color
Hex	FFAE80
RGB	255, 174, 128
RGB Percent	100%, 68%, 50%
CMY	0.0000, 0.3169, 0.4973
CMYK	0.00, 0.32, 0.50, 0.00
HSL	22°, 100%, 75%
HSV	22°, 50%, 100%
XYZ	60.4022, 53.2120, 27.5737
YIQ	192.9750, 63.0420, 2.8660

Conversions

Conversions Part 2

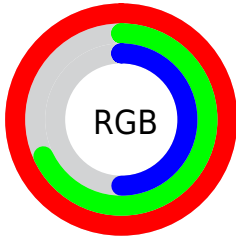
Format	Color
RYB	255, 200, 128
Decimal	16756352
CIELab	78.00, 24.70, 35.53
CIELCh	78, 43.277, 55.195
Yxy	53.2120, 0.4278, 0.3769
Android (android.graphics.Color)	4294946432 (0xFFFFAE80)
YUV	192.9750, -32.0327, 54.3959
Hunter-Lab	72.9466, 20.1475, 28.6511

Details

The CIELCh color **78, 43.277, 55.195** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **80, 32.651, 247.395**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 27.063, 86.984**, and **58, 43.203, 55.110** is the 20% darker color. If you saturate the color by 10%, you get **74, 53.646, 54.627**, and if you desaturate by 10%, it is **82, 33.313, 55.967**.

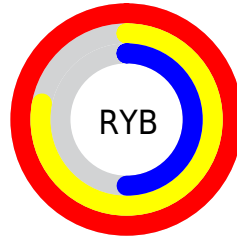
Distribution



Red (100%)

Green (68%)

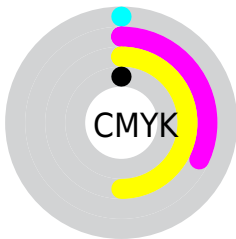
Blue (50%)



Red (100%)

Yellow (78%)

Blue (50%)

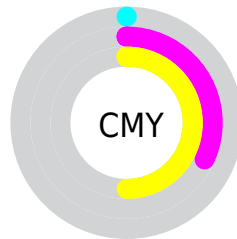


Cyan (0%)

Magenta (32%)

Yellow (50%)

Black (0%)



Cyan (0%)

Magenta (32%)

Yellow (50%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 43.277, 55.195 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 78, 43.277, 55.195 by changing the saturation by 10% instead.

 78, 43.277, 55.195

 78, 43.277, 55.195

 100, 43.277,
55.195

 68, 43.277, 55.195

 98, 43.277, 55.195

 58, 43.277, 55.195

 48, 43.277, 55.195

 38, 43.277, 55.195

 28, 43.277, 55.195

 18, 43.277, 55.195

 8, 43.277, 55.195

 0, 43.277, 55.195

 78, 43.277, 55.195

 78, 43.277, 55.195

74, 53.646, 54.627

82, 33.313, 55.967

70, 64.460, 54.007

87, 24.052, 56.736

67, 75.154, 53.269

91, 15.406, 57.558

64, 84.699, 52.092

96, 7.339, 58.397

61, 91.807, 50.116

100, 0.012,
296.813

61, 91.988, 50.067

Harmonies

Complementary

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



78, 43.277, 55.195



80, 32.651, 247.395

Rectangle

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



78, 43.277, 55.195



78, 43.277, 105.195



78, 43.277, 235.195



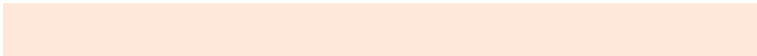
78, 43.277, 285.195

Sweetspot

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



78, 43.198, 55.265



93, 11.521, 57.957



70, 61.282, 340.644



49, 7.918, 57.779



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



78, 43.198, 55.265



74, 53.934, 54.610



93, 54.609, 97.571



51, 4.285, 58.416



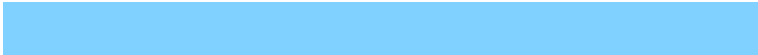
46, 73.637, 50.713



14, 27.809, 48.908

Inverse Universe

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



80, 32.651, 247.395



77, 38.094, 250.367



64, 59.991, 291.387



51, 4.102, 240.393



49, 44.169, 267.023



15, 18.754, 259.753

Previews

White Background



This preview shows how the CIELCh color 78, 43.277, 55.195 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 78, 43.277, 55.195 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 78, 43.277, 55.195

Background



This preview shows how black text looks on a background with the CIELCh color 78, 43.277, 55.195.



This preview shows how white text looks on a background with the CIELCh color 78, 43.277, 55.195.

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

78, 43.277, 55.195

Protanopia

78, 30.807, 95.806

Deuteranopia

78, 37.544, 75.230



Tritanopia
78, 33.870, 11.808

Trichromacy



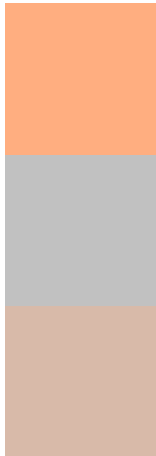
Original Color
78, 43.277, 55.195

Protanomaly
78, 32.855, 77.757

Deuteranomaly
78, 38.765, 67.256

Tritanomaly
78, 34.417, 30.129

Monochromacy



Original Color
78, 43.277, 55.195

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 14.945, 57.273

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 43.277, 55.195 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(255, 174, 128)` looks like.

```
.text, #text, p{  
    color:rgb(255, 174, 128)  
}
```

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(255, 174, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 174, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 43.277, 55.195 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(255, 174, 128) }
```

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

```
.border{ border-color:rgb(255, 174, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 174, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 174, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 174, 128);  
box-shadow:4px 4px 4px 4px rgb(255, 174,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 43.277, 55.195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 174, 128) }
```

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

```
.background{ background-color: rgb(255,  
174, 128) }
```

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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