

Converting Colors

CIELCh(77, 42.290, 55.084)

Have a look what the booklet for
CIELCh(77, 42.290, 55.084) contains.

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Color

CIELCh(77, 42.312, 55.295)

Conversions

Conversions Part 1

Format	Color
Hex	FBAC7F
RGB	251, 172, 127
RGB Percent	98%, 67%, 50%
CMY	0.0158, 0.3256, 0.5020
CMYK	0.00, 0.31, 0.49, 0.02
HSL	22°, 94%, 74%
HSV	22°, 49%, 98%
XYZ	58.3512, 51.5317, 26.9419
YIQ	190.4910, 61.5290, 2.7530

Conversions

Conversions Part 2

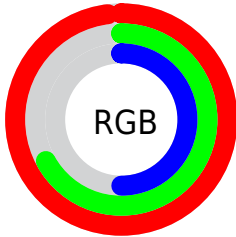
Format	Color
RYB	251, 198, 127
Decimal	16493695
CIELab	77.00, 24.09, 34.78
CIELCh	77, 42.312, 55.295
Yxy	51.5317, 0.4265, 0.3766
Android (android.graphics.Color)	4294683775 (0xFFFFBAC7F)
YUV	190.4910, -31.3011, 53.0664
Hunter-Lab	71.7856, 19.4694, 27.9978

Details

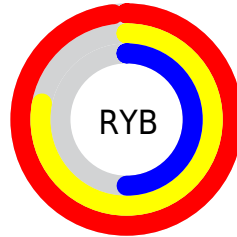
The CIELCh color **77, 42.312, 55.295** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **79, 32.060, 247.314**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 26.941, 85.070**, and **57, 42.197, 55.221** is the 20% darker color. If you saturate the color by 10%, you get **73, 52.606, 54.659**, and if you desaturate by 10%, it is **81, 32.575, 56.004**.

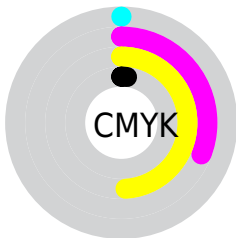
Distribution



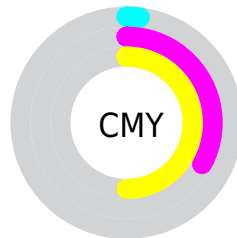
- Red (98%)
- Green (67%)
- Blue (50%)



- Red (98%)
- Yellow (78%)
- Blue (50%)



- Cyan (0%)
- Magenta (31%)
- Yellow (49%)
- Black (2%)



- Cyan (2%)
- Magenta (33%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 42.312, 55.295 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 77, 42.312, 55.295 by changing the saturation by 10% instead.

77, 42.312, 55.295

77, 42.312, 55.295

100, 42.312,
55.295

67, 42.312, 55.295

97, 42.312, 55.295

57, 42.312, 55.295

47, 42.312, 55.295

37, 42.312, 55.295

27, 42.312, 55.295

17, 42.312, 55.295

7, 42.312, 55.295

0, 42.312, 55.295

77, 42.312, 55.295

77, 42.312, 55.295

73, 52.606, 54.659

81, 32.575, 56.004

69, 63.273, 54.040

85, 23.454, 56.775

66, 73.849, 53.311

90, 14.941, 57.599

63, 83.343, 52.161

94, 6.995, 58.436

60, 90.455, 50.210

99, 0.435, 240.704

60, 90.852, 50.104

100, 1.399,
199.790

Harmonies

Complementary

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



77, 42.312, 55.295



79, 32.060, 247.314

Rectangle

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



77, 42.312, 55.295



77, 42.312, 105.295



77, 42.312, 235.295



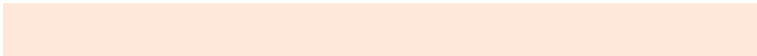
77, 42.312, 285.295

Sweetspot

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



77, 42.311, 55.300



93, 11.521, 57.969



70, 60.147, 340.604



49, 7.918, 57.791



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



77, 42.311, 55.300



74, 52.866, 54.681



92, 53.577, 97.613



50, 4.214, 58.429



46, 72.876, 50.754



13, 26.592, 48.514

Inverse Universe

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



79, 32.060, 247.314



77, 37.590, 250.065



63, 58.795, 291.302



50, 4.035, 240.404



48, 43.710, 266.987



14, 18.189, 259.345

Previews

White Background



This preview shows how the CIELCh color 77, 42.312, 55.295 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 77, 42.312, 55.295 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 77, 42.312, 55.295

Background



This preview shows how black text looks on a background with the CIELCh color 77, 42.312, 55.295.



This preview shows how white text looks on a background with the CIELCh color 77, 42.312, 55.295.

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

77, 42.312, 55.295

Protanopia

77, 29.867, 95.480

Deuteranopia

77, 36.758, 74.454



Tritanopia
77, 35.587, 11.686

Trichromacy



Original Color
77, 42.312, 55.295

Protanomaly
77, 32.029, 76.919

Deuteranomaly
77, 38.062, 66.335

Tritanomaly
77, 35.371, 30.049

Monochromacy



Original Color
77, 42.312, 55.295

Achromatopsia
77, 0.009, 296.813

Achromatomaly
76, 14.330, 56.609

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 42.312, 55.295 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(251, 172, 127)` looks like.

```
.text, #text, p{  
    color:rgb(251, 172, 127)  
}
```

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(251, 172, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 172, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 42.312, 55.295 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(251, 172, 127) }
```

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

```
.border{ border-color:rgb(251, 172, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 172, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 172, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 172, 127);  
box-shadow:4px 4px 4px 4px rgb(251, 172,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 42.312, 55.295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 172, 127) }
```

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

```
.background{ background-color: rgb(251,  
172, 127) }
```

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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