

Converting Colors

CIELCh(82, 55.293, 77.352)

Have a look what the booklet for
CIELCh(82, 55.293, 77.352) contains.

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Color

CIELCh(82, 55.312, 77.212)

Conversions

Conversions Part 1

Format	Color
Hex	FEC165
RGB	254, 193, 101
RGB Percent	100%, 76%, 40%
CMY	0.0030, 0.2422, 0.6031
CMYK	0.00, 0.24, 0.60, 0.00
HSL	36°, 99%, 70%
HSV	36°, 60%, 100%
XYZ	62.4407, 60.2982, 20.7134
YIQ	200.7510, 65.8880, -15.6800

Conversions

Conversions Part 2

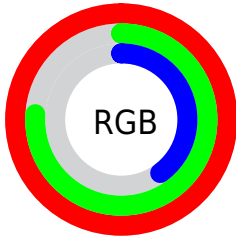
Format	Color
RYB	202, 254, 101
Decimal	16695653
CIELab	82.00, 12.24, 53.94
CIELCh	82, 55.312, 77.212
Yxy	60.2982, 0.4353, 0.4203
Android (android.graphics.Color)	4294885733 (0xFFFE C165)
YUV	200.7510, -49.1772, 46.6994
Hunter-Lab	77.6519, 7.6429, 38.5409

Details

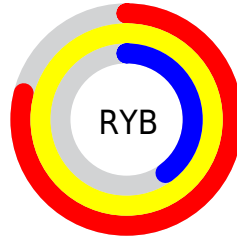
The CIELCh color **82, 55.312, 77.212** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **66, 52.170, 278.190**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 47.597, 103.601**, and **62, 55.440, 77.376** is the 20% darker color. If you saturate the color by 10%, you get **79, 64.529, 75.612**, and if you desaturate by 10%, it is **85, 45.752, 78.711**.

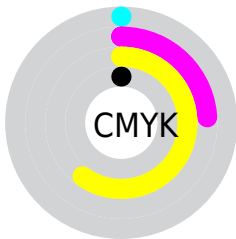
Distribution



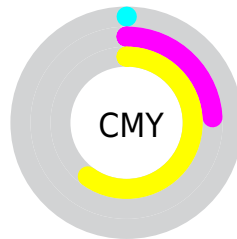
- Red (100%)
- Green (76%)
- Blue (40%)



- Red (79%)
- Yellow (100%)
- Blue (40%)



- Cyan (0%)
- Magenta (24%)
- Yellow (60%)
- Black (0%)



- Cyan (0%)
- Magenta (24%)
- Yellow (60%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 55.312, 77.212 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 82, 55.312, 77.212 by changing the saturation by 10% instead.

 82, 55.312, 77.212

 82, 55.312, 77.212

 100, 55.312,
77.212

 72, 55.312, 77.212

 62, 55.312, 77.212

 52, 55.312, 77.212

 42, 55.312, 77.212

 32, 55.312, 77.212

 22, 55.312, 77.212

 12, 55.312, 77.212

 2, 55.312, 77.212

 0, 55.312, 77.212

82, 55.312, 77.212

82, 55.312, 77.212

79, 64.529, 75.612

85, 45.752, 78.711

77, 72.772, 73.793

88, 36.192, 80.146

74, 79.061, 71.556

91, 26.801, 81.540

72, 82.709, 68.788

94, 17.653, 82.893

97, 8.770, 84.194

100, 0.152, 83.241

100, 0.262,
201.917

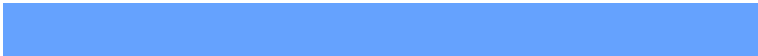
Harmonies

Complementary

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



82, 55.312, 77.212



66, 52.170, 278.190

Rectangle

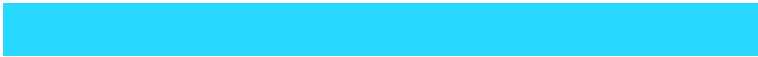
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82, 55.312, 77.212



82, 55.312, 127.212



82, 55.312, 257.212



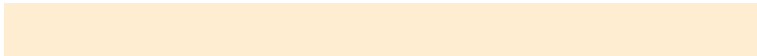
82, 55.312, 307.212

Sweetspot

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



82, 55.312, 77.216



94, 15.721, 83.183



64, 63.669, 357.751



50, 10.974, 82.796



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



82, 55.312, 77.216



79, 66.275, 75.301



96, 73.554, 109.438



52, 4.899, 84.280



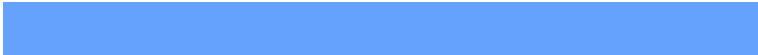
55, 66.693, 69.423



18, 27.391, 71.992

Inverse Universe

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



66, 52.170, 278.190



61, 62.956, 282.281



52, 87.692, 301.832



50, 4.860, 266.861



36, 70.731, 292.607



10, 28.413, 286.900

Previews

White Background



This preview shows how the CIELCh color 82, 55.312, 77.212 looks on a white background.

Color Contrast Check

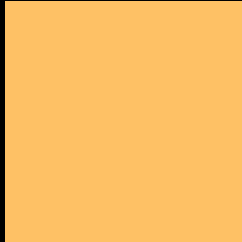
Large Text (above 18pt) WCAG AA × Fail

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 82, 55.312, 77.212 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 82, 55.312, 77.212

Background



This preview shows how black text looks on a background with the CIELCh color 82, 55.312, 77.212.



This preview shows how white text looks on a background with the CIELCh color 82, 55.312, 77.212.

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

82, 55.312, 77.212

Protanopia

82, 51.638, 95.634

Deuteranopia

82, 54.801, 78.961



Tritanopia
82, 26.785, 9.296

Trichromacy



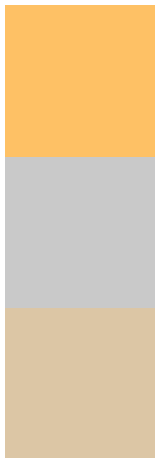
Original Color
82, 55.312, 77.212

Protanomaly
82, 52.084, 88.427

Deuteranomaly
82, 55.021, 78.570

Tritanomaly
82, 30.670, 48.459

Monochromacy



Original Color
82, 55.312, 77.212

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 19.556, 82.158

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 55.312, 77.212 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(254, 193, 101)` looks like.

```
.text, #text, p{  
    color:rgb(254, 193, 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(254, 193, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 193, 101) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 55.312, 77.212 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(254, 193, 101) }
```

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

```
.border{ border-color:rgb(254, 193, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 193, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 193, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 193, 101);  
box-shadow:4px 4px 4px 4px rgb(254, 193,  
101) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 55.312, 77.212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 193, 101) }
```

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

```
.background{ background-color: rgb(254,  
193, 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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