

Converting Colors

CIELCh(82, 53.831, 77.179)

Have a look what the booklet for
CIELCh(82, 53.831, 77.179) contains.

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Color

CIELCh(82, 53.772, 77.059)

Conversions

Conversions Part 1

Format	Color
Hex	FDC168
RGB	253, 193, 104
RGB Percent	99%, 76%, 41%
CMY	0.0061, 0.2415, 0.5906
CMYK	0.00, 0.24, 0.59, 0.01
HSL	36°, 98%, 70%
HSV	36°, 59%, 99%
XYZ	62.3542, 60.2982, 21.5531
YIQ	200.7940, 64.3290, -14.9590

Conversions

Conversions Part 2

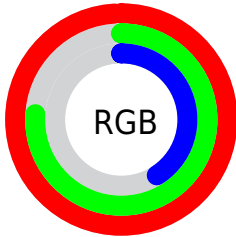
Format	Color
R _Y B	204, 253, 104
Decimal	16630120
CIE Lab	82.00, 12.04, 52.41
CIE LCh	82, 53.772, 77.059
Yxy	60.2982, 0.4324, 0.4181
Android (android.graphics.Color)	4294820200 (0xFFFD C168)
YUV	200.7940, -47.7194, 45.7847
Hunter-Lab	77.6519, 7.4439, 37.8997

Details

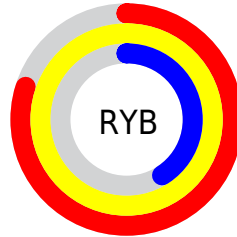
The CIELCh color **82, 53.772, 77.059** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **67, 50.515, 277.397**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 46.155, 103.633**, and **62, 54.013, 77.361** is the 20% darker color. If you saturate the color by 10%, you get **79, 63.060, 75.481**, and if you desaturate by 10%, it is **85, 44.218, 78.546**.

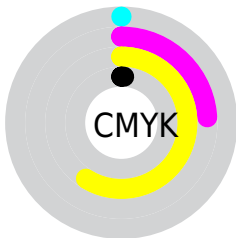
Distribution



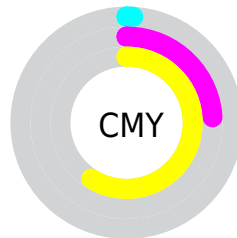
- Red (99%)
- Green (76%)
- Blue (41%)



- Red (80%)
- Yellow (99%)
- Blue (41%)



- Cyan (0%)
- Magenta (24%)
- Yellow (59%)
- Black (1%)



- Cyan (1%)
- Magenta (24%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 53.772, 77.059 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, 53.772, 77.059 by changing the saturation by 10% instead.

82, 53.772, 77.059

82, 53.772, 77.059

100, 53.772,
77.059

72, 53.772, 77.059

62, 53.772, 77.059

52, 53.772, 77.059

42, 53.772, 77.059

32, 53.772, 77.059

22, 53.772, 77.059

12, 53.772, 77.059

2, 53.772, 77.059

0, 53.772, 77.059

82, 53.772, 77.059

82, 53.772, 77.059

79, 63.060, 75.481

85, 44.218, 78.546

77, 71.501, 73.702

88, 34.705, 79.973

74, 78.159, 71.536

91, 25.384, 81.359

72, 82.165, 68.755

94, 16.316, 82.706

72, 82.574, 68.416

97, 7.520, 83.996

100, 0.456,
222.634

100, 0.537,
200.607

Harmonies

Complementary

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



82, 53.772, 77.059



67, 50.515, 277.397

Rectangle

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



82, 53.772, 77.059



82, 53.772, 127.059



82, 53.772, 257.059



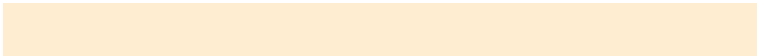
82, 53.772, 307.059

Sweetspot

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



82, 53.772, 77.063



94, 15.669, 82.812



65, 62.607, 356.246



49, 10.938, 82.426



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, 53.772, 77.063



79, 65.325, 75.110



96, 71.869, 108.720



52, 4.881, 83.909



55, 66.736, 69.049



18, 27.359, 71.590

Inverse Universe

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



67, 50.515, 277.397



61, 61.643, 281.577



53, 85.344, 301.225



50, 4.840, 266.492



36, 70.220, 292.323



10, 28.216, 286.582

Previews

White Background



This preview shows how the CIELCh color 82, 53.772, 77.059 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, 53.772, 77.059 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, 53.772, 77.059

Background



This preview shows how black text looks on a background with the CIELCh color 82, 53.772, 77.059.



This preview shows how white text looks on a background with the CIELCh color 82, 53.772, 77.059.

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, 53.772, 77.059

Protanopia

82, 50.231, 95.508

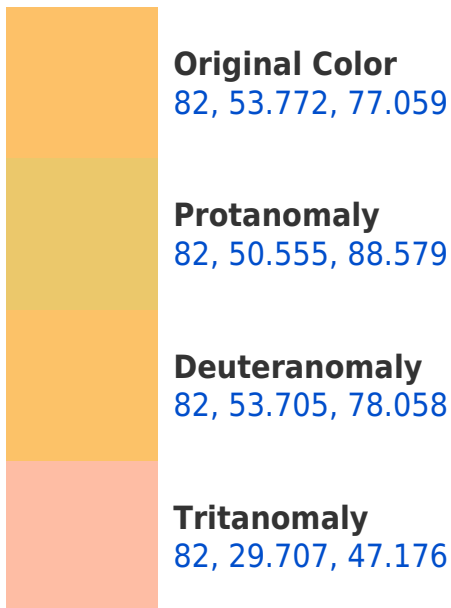
Deuteranopia

82, 53.657, 79.059



Tritanopia
82, 26.850, 8.191

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 53.772, 77.059 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(253, 193, 104)` looks like.

```
.text, #text, p{  
    color:rgb(253, 193, 104)  
}
```

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(253, 193, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 193, 104) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 53.772, 77.059 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(253, 193, 104) }
```

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

```
.border{ border-color:rgb(253, 193, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 193, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 193, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 193, 104);  
box-shadow:4px 4px 4px 4px rgb(253, 193,  
104) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 53.772, 77.059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 193, 104) }
```

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

```
.background{ background-color: rgb(253,  
193, 104) }
```

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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