

Converting Colors

CIELCh(85, 66.038, 70.120)

Have a look what the booklet for
CIELCh(85, 66.038, 70.120) contains.

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Color

CIELCh(82, 59.131, 78.671)

Conversions

Conversions Part 1

Format	Color
Hex	FEC25D
RGB	254, 194, 93
RGB Percent	100%, 76%, 36%
CMY	0.0022, 0.2411, 0.6372
CMYK	0.00, 0.24, 0.64, 0.00
HSL	37°, 99%, 68%
HSV	37°, 64%, 100%
XYZ	62.1708, 60.2982, 18.6073
YIQ	200.4260, 68.1810, -18.6910

Conversions

Conversions Part 2

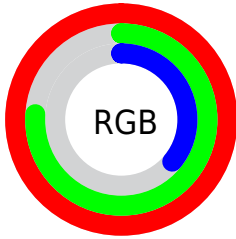
Format	Color
RYB	189, 254, 93
Decimal	16695901
CIELab	82.00, 11.62, 57.98
CIELCh	82, 59.131, 78.671
Yxy	60.2982, 0.4407, 0.4274
Android (android.graphics.Color)	4294885981 (0xFFFECC25D)
YUV	200.4260, -52.9610, 46.9844
Hunter-Lab	77.6519, 7.0225, 40.1490

Details

The CIELCh color **82, 59.131, 78.671** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted yellow. A complement of this color would be **64, 57.191, 281.171**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 51.358, 103.959**, and **62, 59.218, 79.132** is the 20% darker color. If you saturate the color by 10%, you get **80, 67.983, 77.013**, and if you desaturate by 10%, it is **85, 49.676, 80.204**.

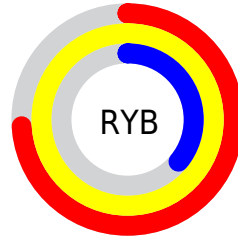
Distribution



Red (100%)

Green (76%)

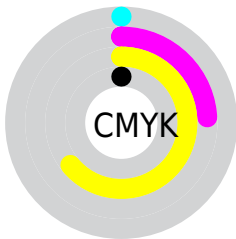
Blue (36%)



Red (74%)

Yellow (100%)

Blue (36%)

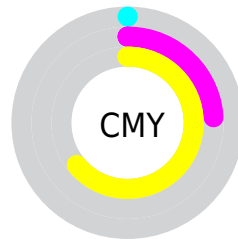


Cyan (0%)

Magenta (24%)

Yellow (64%)

Black (0%)



Cyan (0%)

Magenta (24%)

Yellow (64%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 59.131, 78.671 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, 59.131, 78.671 by changing the saturation by 10% instead.

 82, 59.131, 78.671

 82, 59.131, 78.671

 100, 59.131,
78.671

 72, 59.131, 78.671

 62, 59.131, 78.671

 52, 59.131, 78.671

 42, 59.131, 78.671

 32, 59.131, 78.671

 22, 59.131, 78.671

 12, 59.131, 78.671

 2, 59.131, 78.671

 0, 59.131, 78.671

82, 59.131, 78.671

82, 59.131, 78.671

80, 67.983, 77.013

85, 49.676, 80.204

77, 75.469, 75.095

87, 40.063, 81.661

75, 80.557, 72.701

90, 30.523, 83.070

73, 82.497, 70.904

93, 21.168, 84.438

96, 12.044, 85.759

99, 3.161, 86.973

100, 0.193,
202.820

Harmonies

Complementary

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



82, 59.131, 78.671



64, 57.191, 281.171

Rectangle

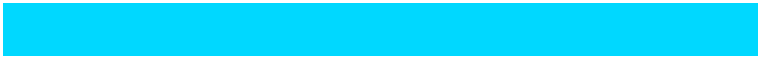
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82, 59.131, 78.671



82, 59.131, 128.671



82, 59.131, 258.671



82, 59.131, 308.671

Sweetspot

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



82, 59.131, 78.675



94, 16.938, 85.057



63, 66.430, 359.819



50, 11.703, 84.676



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, 59.131, 78.675



79, 70.035, 76.588



96, 77.145, 110.059



52, 5.000, 86.285



56, 66.517, 71.512



18, 27.593, 74.200

Inverse Universe

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



64, 57.191, 281.171



57, 69.119, 285.544



50, 93.082, 302.763



50, 4.974, 268.848



35, 73.563, 294.110



9, 29.518, 288.596

Previews

White Background



This preview shows how the CIELCh color 82, 59.131, 78.671 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, 59.131, 78.671 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, 59.131, 78.671

Background



This preview shows how black text looks on a background with the CIELCh color 82, 59.131, 78.671.



This preview shows how white text looks on a background with the CIELCh color 82, 59.131, 78.671.

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, 58.912, 79.037

Protanopia

82, 55.852, 95.500

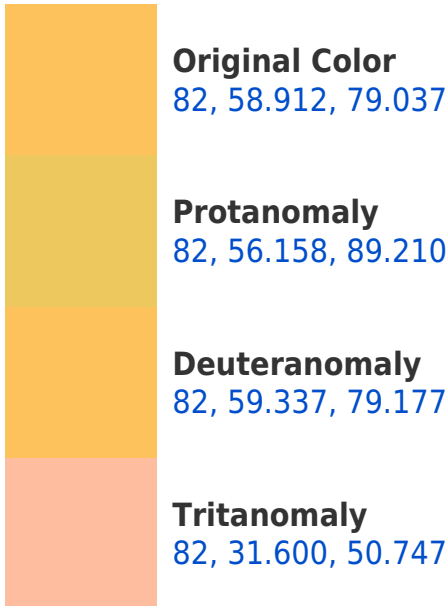
Deuteranopia

82, 59.121, 79.544



Tritanopia
82, 26.785, 9.296

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 59.131, 78.671 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, 194, 93)` looks like.

```
.text, #text, p{  
    color:rgb(254, 194, 93)  
}
```

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, 194, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 194, 93) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 59.131, 78.671 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, 194, 93) }
```

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

```
.border{ border-color:rgb(254, 194, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 194, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 194, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 194, 93);  
box-shadow:4px 4px 4px 4px rgb(254, 194,  
93) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 59.131, 78.671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 194, 93) }
```

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

```
.background{ background-color: rgb(254,  
194, 93) }
```

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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