

Converting Colors

CIELCh(82, 59.324, 79.386)

Have a look what the booklet for
CIELCh(82, 59.324, 79.386) contains.

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Color

CIELCh(82, 59.121, 79.544)

Conversions

Conversions Part 1

Format	Color
Hex	FDC25C
RGB	253, 194, 92
RGB Percent	99%, 76%, 36%
CMY	0.0075, 0.2388, 0.6389
CMYK	0.00, 0.23, 0.64, 0.01
HSL	38°, 98%, 68%
HSV	38°, 64%, 99%
XYZ	61.7906, 60.2982, 18.5267
YIQ	200.0130, 67.9060, -19.2140

Conversions

Conversions Part 2

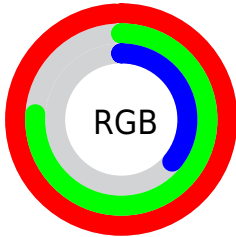
Format	Color
RYB	185, 253, 92
Decimal	16630364
CIELab	82.00, 10.73, 58.14
CIELCh	82, 59.121, 79.544
Yxy	60.2982, 0.4394, 0.4288
Android (android.graphics.Color)	4294820444 (0xFFFD C25C)
YUV	200.0130, -53.2504, 46.4696
Hunter-Lab	77.6519, 6.1485, 40.2105

Details

The CIELCh color **82, 59.121, 79.544** 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 **63, 57.781, 281.939**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 51.830, 103.941**, and **62, 59.333, 79.623** is the 20% darker color. If you saturate the color by 10%, you get **80, 67.888, 77.892**, and if you desaturate by 10%, it is **85, 49.720, 81.074**.

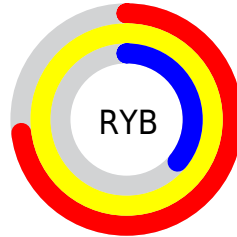
Distribution



Red (99%)

Green (76%)

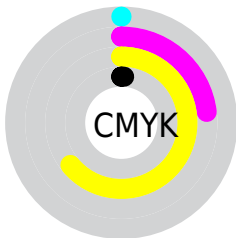
Blue (36%)



Red (73%)

Yellow (99%)

Blue (36%)

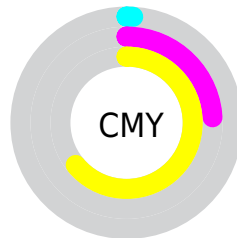


Cyan (0%)

Magenta (23%)

Yellow (64%)

Black (1%)



Cyan (1%)

Magenta (24%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 59.121, 79.544 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, 59.121, 79.544 by changing the saturation by 10% instead.

 82, 59.121, 79.544

 82, 59.121, 79.544

 100, 59.121,
79.544

 72, 59.121, 79.544

 62, 59.121, 79.544

 52, 59.121, 79.544

 42, 59.121, 79.544

 32, 59.121, 79.544

 22, 59.121, 79.544

 12, 59.121, 79.544

 2, 59.121, 79.544

 0, 59.121, 79.544

82, 59.121, 79.544

82, 59.121, 79.544

80, 67.888, 77.892

85, 49.720, 81.074

77, 75.261, 75.988

87, 40.135, 82.529

75, 80.224, 73.627

90, 30.601, 83.937

74, 82.093, 71.855

93, 21.233, 85.302

95, 12.082, 86.621

98, 3.160, 87.833

100, 0.661,
200.366

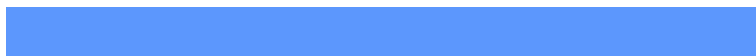
Harmonies

Complementary

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



82, 59.121, 79.544



63, 57.781, 281.939

Rectangle

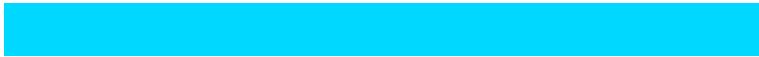
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82, 59.121, 79.544



82, 59.121, 129.544



82, 59.121, 259.544



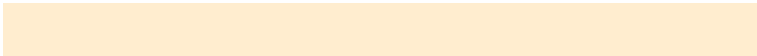
82, 59.121, 309.544

Sweetspot

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



82, 59.121, 79.548



95, 17.085, 85.916



62, 65.871, 1.062



50, 11.802, 85.536



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, 59.121, 79.548



80, 70.230, 77.462



95, 76.926, 110.865



52, 5.047, 87.143



57, 66.473, 72.440



18, 27.695, 75.163

Inverse Universe

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



63, 57.781, 281.939



57, 70.232, 286.286



50, 92.586, 303.100



50, 5.027, 269.696



34, 74.813, 294.737



9, 30.011, 289.309

Previews

White Background



This preview shows how the CIELCh color 82, 59.121, 79.544 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, 59.121, 79.544 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, 59.121, 79.544

Background



This preview shows how black text looks on a background with the CIELCh color 82, 59.121, 79.544.



This preview shows how white text looks on a background with the CIELCh color 82, 59.121, 79.544.

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, 59.121, 79.544

Protanopia

82, 56.302, 95.531

Deuteranopia

82, 59.121, 79.544



Tritanopia
82, 26.850, 8.191

Trichromacy



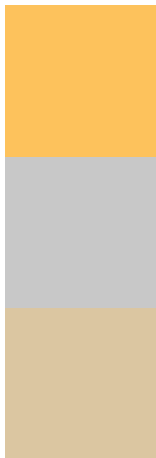
Original Color
82, 59.121, 79.544

Protanomaly
82, 56.602, 89.286

Deuteranomaly
82, 59.121, 79.544

Tritanomaly
82, 31.238, 51.107

Monochromacy



Original Color
82, 59.121, 79.544

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 21.324, 85.322

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 59.121, 79.544 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, 194, 92)` looks like.

```
.text, #text, p{  
    color:rgb(253, 194, 92)  
}
```

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, 194, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 194, 92) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 59.121, 79.544 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, 194, 92) }
```

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

```
.border{ border-color:rgb(253, 194, 92) }
```

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

Here you see how a box with a 4 pixel rgb(253, 194, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 194, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 194, 92);  
box-shadow:4px 4px 4px 4px rgb(253, 194,  
92) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 59.121, 79.544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 194, 92) }
```

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

```
.background{ background-color: rgb(253,  
194, 92) }
```

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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