

Converting Colors

CIELCh(84, 60.191, 81.877)

Have a look what the booklet for
CIELCh(84, 60.191, 81.877) contains.

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Color

CIELCh(84, 59.961, 82.285)

Conversions

Conversions Part 1

Format	Color
Hex	FFC95E
RGB	255, 201, 94
RGB Percent	100%, 79%, 37%
CMY	0.0000, 0.2105, 0.6301
CMYK	0.00, 0.21, 0.63, 0.00
HSL	40°, 100%, 68%
HSV	40°, 63%, 100%
XYZ	64.3682, 64.0658, 19.6361
YIQ	204.9480, 66.5310, -21.8290

Conversions

Conversions Part 2

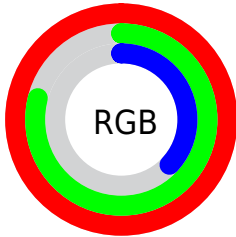
Format	Color
RYB	175, 255, 94
Decimal	16763230
CIELab	84.00, 8.05, 59.42
CIElCh	84, 59.961, 82.285
Yxy	64.0658, 0.4347, 0.4327
Android (android.graphics.Color)	4294953310 (0xFFFFC95E)
YUV	204.9480, -54.6974, 43.8956
Hunter-Lab	80.0411, 3.4758, 41.4835

Details

The CIELCh color **84, 59.961, 82.285** 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 **62, 60.412, 284.181**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 53.053, 106.118**, and **64, 59.909, 81.976** is the 20% darker color. If you saturate the color by 10%, you get **82, 68.627, 80.807**, and if you desaturate by 10%, it is **86, 50.441, 83.924**.

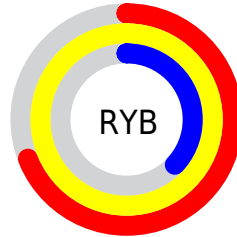
Distribution



Red (100%)

Green (79%)

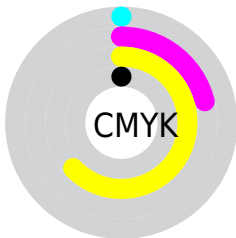
Blue (37%)



Red (69%)

Yellow (100%)

Blue (37%)

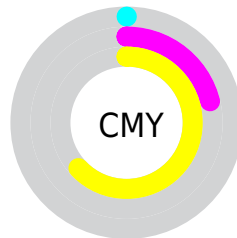


Cyan (0%)

Magenta (21%)

Yellow (63%)

Black (0%)



Cyan (0%)

Magenta (21%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 59.961, 82.285 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 84, 59.961, 82.285 by changing the saturation by 10% instead.

 84, 59.961, 82.285

 84, 59.961, 82.285

 100, 59.961,
82.285

 74, 59.961, 82.285

 64, 59.961, 82.285

 54, 59.961, 82.285

 44, 59.961, 82.285

 34, 59.961, 82.285

 24, 59.961, 82.285

 14, 59.961, 82.285

 4, 59.961, 82.285

 0, 59.961, 82.285

84, 59.961, 82.285

84, 59.961, 82.285

82, 68.627, 80.807

86, 50.441, 83.924

80, 75.887, 78.981

89, 40.730, 85.362

77, 80.691, 76.770

91, 31.008, 86.754

76, 82.509, 74.955

94, 21.402, 88.104

96, 11.970, 89.407

99, 2.735, 90.593

100, 0.012,
296.813

Harmonies

Complementary

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



84, 59.961, 82.285



62, 60.412, 284.181

Rectangle

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



84, 59.961, 82.285



84, 59.961, 132.285



84, 59.961, 262.285



84, 59.961, 312.285

Sweetspot

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



84, 59.893, 82.422



95, 17.592, 88.634



63, 65.517, 2.172



50, 12.145, 88.257



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



84, 59.893, 82.422



81, 70.991, 80.291



96, 76.942, 111.686



52, 5.208, 89.848



58, 66.472, 75.504



19, 28.086, 78.273

Inverse Universe

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



62, 60.412, 284.181



55, 73.955, 288.582



51, 92.160, 303.365



50, 5.206, 272.359



33, 78.902, 296.652



8, 31.650, 291.509

Previews

White Background



This preview shows how the CIELCh color 84, 59.961, 82.285 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 84, 59.961, 82.285 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 84, 59.961, 82.285

Background



This preview shows how black text looks on a background with the CIELCh color 84, 59.961, 82.285.



This preview shows how white text looks on a background with the CIELCh color 84, 59.961, 82.285.

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

84, 59.961, 82.285

Protanopia

84, 57.935, 95.811

Deuteranopia

84, 51.435, 78.921



Tritanopia
84, 24.066, 6.328

Trichromacy



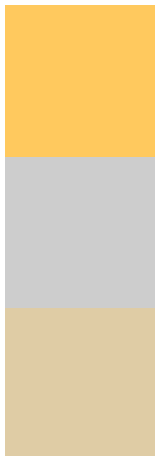
Original Color
84, 59.961, 82.285

Protanomaly
84, 58.224, 91.087

Deuteranomaly
84, 54.547, 80.113

Tritanomaly
84, 29.179, 54.302

Monochromacy



Original Color
84, 59.961, 82.285

Achromatopsia
82, 0.010, 296.813

Achromatomaly
83, 21.880, 88.251

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 59.961, 82.285 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(255, 201, 94)` looks like.

```
.text, #text, p{  
    color:rgb(255, 201, 94)  
}
```

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(255, 201, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 201, 94) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 59.961, 82.285 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(255, 201, 94) }
```

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

```
.border{ border-color:rgb(255, 201, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 201, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 201, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 201, 94);  
box-shadow:4px 4px 4px 4px rgb(255, 201,  
94) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 59.961, 82.285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 201, 94) }
```

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

```
.background{ background-color: rgb(255,  
201, 94) }
```

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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