Converting Colors

CIELCh(85, 76.000, 87.926)

Have a look what the booklet for CIELCh(85, 76.000, 87.926) contains.

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Color

CIELCh(85, 76.026, 87.996)

Conversions

Conversions Part 1

Format	Color
Hex	FECF36
RGB	254, 207, 54
RGB Percent	100%, 81%, 21%
CMY	0.0037, 0.1880, 0.7879
CMYK	0.00, 0.18, 0.79, 0.00
HSL	46°, 99%, 60%
HSV	46°, 79%, 100%
XYZ	63.8941, 66.0070, 12.8722
YIQ	203.6110, 77.1250, -37.6190

Conversions

Conversions Part 2

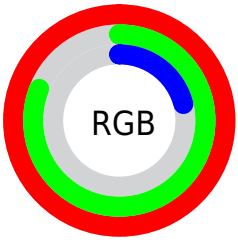
Format	Color
RYB	115, 254, 54
Decimal	16699190
CIELab	85.00, 2.66, 75.98
CIELCh	85, 76.026, 87.996
Yxy	66.0070, 0.4475, 0.4623
Android (android.graphics.Color)	4294889270 (0xFFFECF36)
YUV	203.6110, -73.7582, 44.1912
Hunter-Lab	81.2447, -1.7986, 47.4775

Details

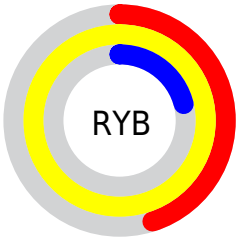
The CIELCh color 85, 76.026, 87.996 is a light color, and the websafe version is hex FFCC33. The color can be described as light washed yellow. A complement of this color would be 49, 88.852, 295.302, and the grayscale version is 82, 0.010, 296.813.

A 20% lighter version of the original color is 98, 68.734, 104.921, and 65, 69.057, 87.185 is the 20% darker color. If you saturate the color by 10%, you get 83, 81.275, 86.415, and if you desaturate by 10%, it is 87, 68.481, 89.442.

Distribution

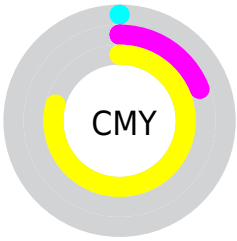


- Red (100%)
- Green (81%)
- Blue (21%)



- Red (45%)
- Yellow (100%)
- Blue (21%)

- Cyan (0%)
- Magenta (18%)
- Yellow (79%)
- Black (0%)



- Cyan (0%)
- Magenta (19%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 76.026, 87.996 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 85, 76.026, 87.996 by changing the saturation by 10% instead.

85, 76.026, 87.996

100, 76.026, 87.996

85, 76.026, 87.996

75, 76.026, 87.996

65, 76.026, 87.996

55, 76.026, 87.996

45, 76.026, 87.996

35, 76.026, 87.996

25, 76.026, 87.996

15, 76.026, 87.996

5, 76.026, 87.996

0, 76.026, 87.996

85, 76.026, 87.996

83, 81.275, 86.415

82, 83.672, 84.598

82, 83.888, 84.357

85, 76.026, 87.996

87, 68.481, 89.442

88, 59.495, 90.814

90, 49.721, 92.146

92, 39.572, 93.451

94, 29.290, 94.729

96, 19.009, 95.973

98, 8.799, 97.172

100, 0.281, 219.044

100, 0.323, 201.435

Harmonies

Complementary

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

85, 76.026, 87.996

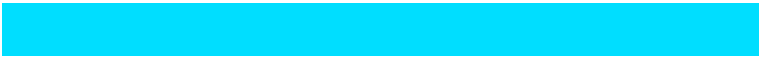
49, 88.852, 295.302

Rectangle

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

85, 76.026, 87.996

85, 76.026, 137.996



85, 76.026, 267.996

85, 76.026, 317.996

Sweetspot

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

85, 76.025, 87.999

95, 24.510, 95.319

57, 77.945, 15.655

50, 16.862, 94.873

0, 0.000, 0.000

53, 0.007, 296.813

Same Dimension

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

85, 76.025, 87.999

83, 83.098, 85.481

93, 91.520, 116.220

52, 5.761, 97.080

63, 67.850, 84.723

21, 29.741, 87.071

Inverse Universe

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

49, 88.852, 295.302

41, 107.794, 300.102

42, 113.393, 307.118

50, 5.813, 279.419

28, 90.734, 301.268

6, 36.284, 296.458

Previews

White Background

This preview shows how the CIELCh color 85, 76.026, 87.996 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

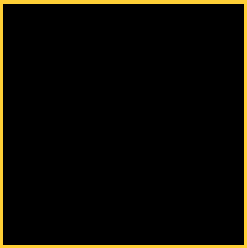
This preview shows how the CIELCh color 85, 76.026, 87.996 looks on a black background.

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 85, 76.026, 87.996 Background



This preview shows how black text looks on a background with the CIELCh color 85, 76.026, 87.996.

This preview shows how white text looks on a background with the CIELCh color 85, 76.026, 87.996.

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
85, 76.026, 87.996

Protanopia
85, 75.251, 95.074

Deuteranopia
85, 49.057, 80.178

Tritanopia
85, 22.506, 5.117

Trichromacy

Original Color
85, 76.026, 87.996

Protanomaly
85, 75.462, 92.710

Deuteranomaly
85, 59.937, 84.148

Tritanomaly
85, 33.917, 67.349

Monochromacy

Original Color
85, 76.026, 87.996

Achromatopsia
82, 0.010, 296.813

Achromatomaly
83, 30.158, 94.376

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 76.026, 87.996 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, 207, 54) looks like.

```
.text, #text, p{
    color:rgb(254, 207, 54)
}
```

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, 207, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 207, 54) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 76.026, 87.996 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, 207, 54) }
```

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

```
.border{ border-color:rgb(254, 207, 54) }
```

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

Here you see how a box with a 4 pixel rgb(254, 207, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(254, 207, 54); -webkit-box-shadow:4px 4px 4px 4px rgb(254, 207, 54); box-shadow:4px 4px 4px 4px rgb(254, 207, 54) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 76.026, 87.996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(254, 207, 54) }
```

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

```
.background{ background-color:rgb(254,
207, 54) }
```

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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