

Converting Colors

CIELCh(79, 82.712, 80.052)

Have a look what the booklet for
CIELCh(79, 82.712, 80.052) contains.

CIELCh(79, 82.723, 80.166)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(79, 82.723, 80.166)

Conversions

Conversions Part 1

Format	Color
Hex	FEB701
RGB	254, 183, 1
RGB Percent	100%, 72%, 0%
CMY	0.0040, 0.2824, 0.9962
CMYK	0.00, 0.28, 1.00, 0.00
HSL	43°, 99%, 50%
HSV	43°, 100%, 100%
XYZ	57.8005, 54.9284, 7.5830
YIQ	183.4810, 100.7380, -41.5500

Conversions

Conversions Part 2

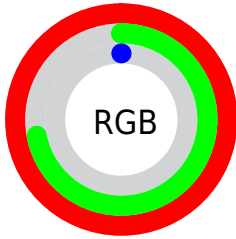
Format	Color
RYB	100, 254, 1
Decimal	16692993
CIELab	79.00, 14.13, 81.51
CIELCh	79, 82.723, 80.166
Yxy	54.9284, 0.4804, 0.4566
Android (android.graphics.Color)	4294883073 (0xFFFE701)
YUV	183.4810, -89.9631, 61.8452
Hunter-Lab	74.1137, 9.5112, 45.8133

Details

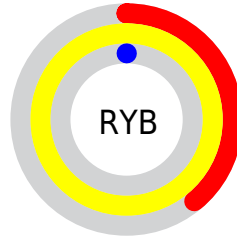
The CIELCh color **79, 82.723, 80.166** is a dark color, and the websafe version is hex **FFCC33**. The color can be described as middle saturated orange. A complement of this color would be **41, 107.189, 299.802**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 74.833, 99.046**, and **59, 66.481, 76.891** is the 20% darker color. If you saturate the color by 10%, you get **79, 82.799, 80.084**, and if you desaturate by 10%, it is **81, 80.204, 82.344**.

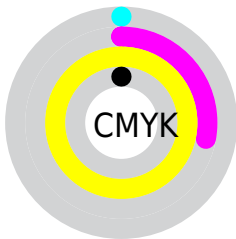
Distribution



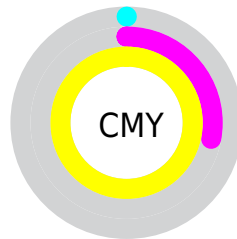
- Red (100%)
- Green (72%)
- Blue (0%)



- Red (39%)
- Yellow (100%)
- Blue (0%)



- Cyan (0%)
- Magenta (28%)
- Yellow (100%)
- Black (0%)



- Cyan (0%)
- Magenta (28%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 82.723, 80.166 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 79, 82.723, 80.166 by changing the saturation by 10% instead.

 79, 82.723, 80.166

 79, 82.723, 80.166

 100, 82.723,
80.166

 69, 82.723, 80.166

 99, 82.723, 80.166

 59, 82.723, 80.166

 49, 82.723, 80.166

 39, 82.723, 80.166

 29, 82.723, 80.166

 19, 82.723, 80.166

 9, 82.723, 80.166

 0, 82.723, 80.166

 79, 82.723, 80.166

 79, 82.723, 80.166

79, 82.799, 80.084

81, 80.204, 82.344

83, 74.920, 84.179

84, 67.371, 85.784

86, 58.457, 87.265

88, 48.844, 88.679

91, 38.938, 90.049

93, 28.969, 91.382

95, 19.059, 92.677

97, 9.269, 93.921

Harmonies

Complementary

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



79, 82.723, 80.166



41, 107.189, 299.802

Rectangle

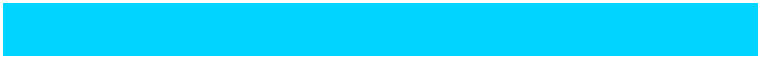
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79, 82.723, 80.166



79, 82.723, 130.166



79, 82.723, 260.166



79, 82.723, 310.166

Sweetspot

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



79, 82.721, 80.169



93, 29.443, 91.332



54, 88.632, 23.622



49, 20.134, 90.773



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



79, 82.721, 80.169



79, 83.050, 80.078



93, 99.575, 115.808



52, 5.495, 93.935



61, 66.962, 80.534



20, 28.898, 83.164

Inverse Universe

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



41, 107.189, 299.802



41, 107.953, 299.919



34, 131.190, 307.268



50, 5.523, 276.359



30, 85.466, 299.360



7, 34.285, 294.545

Previews

White Background



This preview shows how the CIELCh color 79, 82.723, 80.166 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 79, 82.723, 80.166 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 79, 82.723, 80.166

Background



This preview shows how black text looks on a background with the CIELCh color 79, 82.723, 80.166.



This preview shows how white text looks on a background with the CIELCh color 79, 82.723, 80.166.

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

79, 82.723, 80.166

Protanopia

79, 78.797, 94.884

Deuteranopia

79, 81.970, 82.996



Tritanopia
79, 31.738, 11.789

Trichromacy



Original Color
79, 82.723, 80.166

Protanomaly
79, 79.464, 89.269

Deuteranomaly
79, 82.228, 82.051

Tritanomaly
78, 47.024, 61.723

Monochromacy



Original Color
79, 82.723, 80.166

Achromatopsia
74, 0.009, 296.813

Achromatomaly
75, 36.913, 89.365

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 82.723, 80.166 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, 183, 1)` looks like.

```
.text, #text, p{  
    color:rgb(254, 183, 1)  
}
```

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, 183, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 183, 1) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 82.723, 80.166 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, 183, 1) }
```

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

```
.border{ border-color:rgb(254, 183, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 183, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 183, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 183, 1);  
box-shadow:4px 4px 4px 4px rgb(254, 183,  
1) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 82.723, 80.166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 183, 1) }
```

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

```
.background{ background-color: rgb(254,  
183, 1) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor