

Converting Colors

CIELCh(79, 82.781, 81.208)

Have a look what the booklet for
CIELCh(79, 82.781, 81.208) contains.

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Color

CIELCh(79, 82.512, 81.113)

Conversions

Conversions Part 1

Format	Color
Hex	FCB800
RGB	252, 184, 0
RGB Percent	99%, 72%, 0%
CMY	0.0121, 0.2787, 1.0000
CMYK	0.00, 0.27, 1.00, 0.01
HSL	44°, 100%, 49%
HSV	44°, 100%, 99%
XYZ	57.2367, 54.9284, 7.5792
YIQ	183.3560, 99.5920, -42.8080

Conversions

Conversions Part 2

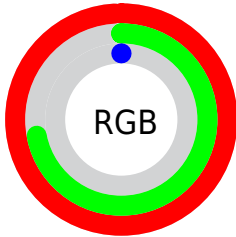
Format	Color
R _Y B	93, 252, 0
Decimal	16562176
CIE Lab	79.00, 12.75, 81.52
CIE LCh	79, 82.512, 81.113
Yxy	54.9284, 0.4780, 0.4587
Android (android.graphics.Color)	4294752256 (0xFFFCB800)
YUV	183.3560, -90.3945, 60.2008
Hunter-Lab	74.1137, 8.1535, 45.8164

Details

The CIELCh color **79, 82.512, 81.113** 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 **40, 108.458, 300.364**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 75.166, 99.385**, and **59, 66.289, 77.736** is the 20% darker color. If you saturate the color by 10%, you get **79, 82.490, 81.112**, and if you desaturate by 10%, it is **81, 80.120, 83.214**.

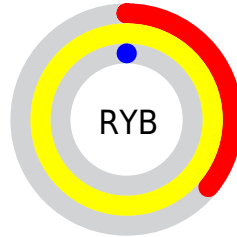
Distribution



Red (99%)

Green (72%)

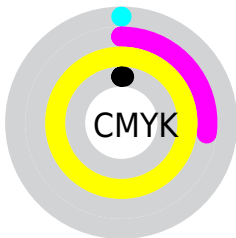
Blue (0%)



Red (36%)

Yellow (99%)

Blue (0%)

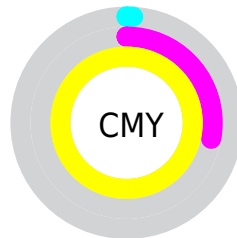


Cyan (0%)

Magenta (27%)

Yellow (100%)

Black (1%)



Cyan (1%)

Magenta (28%)

Yellow (100%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 82.512, 81.113 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, 82.512, 81.113 by changing the saturation by 10% instead.

 79, 82.512, 81.113

 79, 82.512, 81.113

 100, 82.512,
81.113

 69, 82.512, 81.113

 99, 82.512, 81.113

 59, 82.512, 81.113

 49, 82.512, 81.113

 39, 82.512, 81.113

 29, 82.512, 81.113

 19, 82.512, 81.113

 9, 82.512, 81.113

 0, 82.512, 81.113

 79, 82.512, 81.113

 79, 82.512, 81.113

79, 82.490, 81.112

81, 80.120, 83.214

82, 75.040, 85.006

84, 67.652, 86.582

86, 58.845, 88.043

88, 49.291, 89.442

90, 39.410, 90.799

92, 29.439, 92.121

94, 19.508, 93.406

97, 9.681, 94.644

Harmonies

Complementary

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



79, 82.512, 81.113



40, 108.458, 300.364

Rectangle

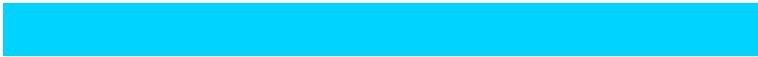
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79, 82.512, 81.113



79, 82.512, 131.113



79, 82.512, 261.113



79, 82.512, 311.113

Sweetspot

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



79, 82.490, 81.112



93, 29.732, 92.119



53, 88.253, 23.803



49, 20.325, 91.565



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, 82.490, 81.112



80, 83.252, 81.096



92, 99.044, 115.835



51, 5.465, 94.705



61, 66.469, 81.554



19, 27.944, 84.198

Inverse Universe

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



40, 108.458, 300.364



40, 109.533, 300.384



34, 130.564, 307.272



49, 5.498, 277.105



29, 85.799, 299.811



7, 33.411, 294.454

Previews

White Background



This preview shows how the CIELCh color 79, 82.512, 81.113 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, 82.512, 81.113 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, 82.512, 81.113

Background



This preview shows how black text looks on a background with the CIELCh color 79, 82.512, 81.113.



This preview shows how white text looks on a background with the CIELCh color 79, 82.512, 81.113.

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, 82.512, 81.113

Protanopia

79, 78.797, 94.884

Deuteranopia

79, 81.970, 82.996



Tritanopia
79, 31.738, 11.789

Trichromacy



Original Color
79, 82.512, 81.113

Protanomaly
79, 79.527, 89.954

Deuteranomaly
79, 82.048, 82.335

Tritanomaly
79, 46.708, 62.793

Monochromacy



Original Color
79, 82.512, 81.113

Achromatopsia
74, 0.009, 296.813

Achromatomaly
75, 37.274, 90.155

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 82.512, 81.113 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(252, 184, 0)` looks like.

```
.text, #text, p{  
    color:rgb(252, 184, 0)  
}
```

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(252, 184, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 184, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 82.512, 81.113 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(252, 184, 0) }
```

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

```
.border{ border-color:rgb(252, 184, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 184, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 184, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 184, 0);  
box-shadow:4px 4px 4px 4px rgb(252, 184,  
0) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 82.512, 81.113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 184, 0) }
```

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

```
.background{ background-color: rgb(252,  
184, 0) }
```

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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