

Converting Colors

CIELCh(80, 73.534, 79.550)

Have a look what the booklet for
CIELCh(80, 73.534, 79.550) contains.

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Color

CIELCh(80, 73.291, 79.426)

Conversions

Conversions Part 1

Format	Color
Hex	FEBA34
RGB	254, 186, 52
RGB Percent	100%, 73%, 20%
CMY	0.0022, 0.2691, 0.7944
CMYK	0.00, 0.27, 0.79, 0.00
HSL	40°, 99%, 60%
HSV	40°, 79%, 100%
XYZ	59.2996, 56.6813, 11.1147
YIQ	191.0560, 83.5420, -27.2580

Conversions

Conversions Part 2

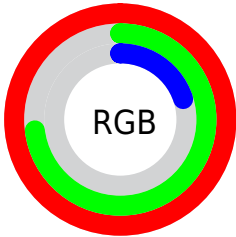
Format	Color
RYB	155, 254, 52
Decimal	16693812
CIELab	80.00, 13.45, 72.05
CIELCh	80, 73.291, 79.426
Yxy	56.6813, 0.4666, 0.4460
Android (android.graphics.Color)	4294883892 (0xFFFEBA34)
YUV	191.0560, -68.5546, 55.2019
Hunter-Lab	75.2870, 8.8428, 43.9478

Details

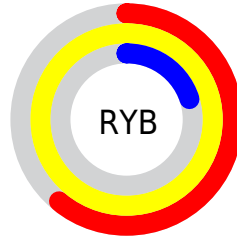
The CIELCh color **80, 73.291, 79.426** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed orange. A complement of this color would be **53, 77.078, 289.613**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 65.417, 100.271**, and **60, 66.835, 78.020** is the 20% darker color. If you saturate the color by 10%, you get **78, 79.114, 77.373**, and if you desaturate by 10%, it is **82, 65.383, 81.167**.

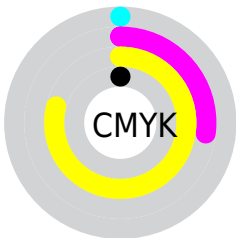
Distribution



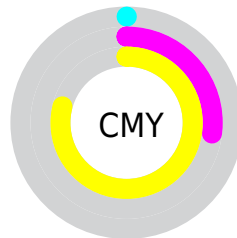
- Red (100%)
- Green (73%)
- Blue (20%)



- Red (61%)
- Yellow (100%)
- Blue (20%)



- Cyan (0%)
- Magenta (27%)
- Yellow (79%)
- Black (0%)



- Cyan (0%)
- Magenta (27%)
- Yellow (79%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 73.291, 79.426 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 80, 73.291, 79.426 by changing the saturation by 10% instead.

 80, 73.291, 79.426

 80, 73.291, 79.426

 100, 73.291,
79.426

 70, 73.291, 79.426

 60, 73.291, 79.426


 50, 73.291, 79.426

 40, 73.291, 79.426

 30, 73.291, 79.426

 20, 73.291, 79.426

 10, 73.291, 79.426

 0, 73.291, 79.426

 80, 73.291, 79.426

 80, 73.291, 79.426

78, 79.114, 77.373

82, 65.383, 81.167

76, 82.204, 74.841

85, 56.327, 82.736

76, 82.362, 74.683

87, 46.761, 84.213

89, 37.052, 85.635

92, 27.394, 87.014

95, 17.884, 88.349

97, 8.562, 89.630

100, 0.183,
210.575

100, 0.197,
202.759

Harmonies

Complementary

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



80, 73.291, 79.426



53, 77.078, 289.613

Rectangle

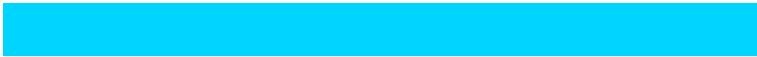
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



80, 73.291, 79.426



80, 73.291, 129.426



80, 73.291, 259.426



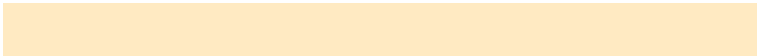
80, 73.291, 309.426

Sweetspot

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



80, 73.290, 79.429



94, 22.284, 87.739



57, 77.526, 7.558



49, 15.366, 87.261



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



80, 73.290, 79.429



77, 81.258, 75.999



95, 90.436, 111.307



52, 5.193, 89.616



58, 66.463, 75.233



19, 28.048, 78.002

Inverse Universe

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



53, 77.078, 289.613



46, 93.982, 295.386



40, 115.535, 305.603



50, 5.189, 272.131



33, 78.543, 296.492



8, 31.504, 291.323

Previews

White Background



This preview shows how the CIELCh color 80, 73.291, 79.426 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 80, 73.291, 79.426 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 80, 73.291, 79.426

Background



This preview shows how black text looks on a background with the CIELCh color 80, 73.291, 79.426.



This preview shows how white text looks on a background with the CIELCh color 80, 73.291, 79.426.

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
80, 73.291, 79.426

Protanopia
80, 70.074, 95.180

Deuteranopia
80, 73.186, 82.015



Tritanopia
80, 30.068, 11.014

Trichromacy



Original Color
80, 73.291, 79.426

Protanomaly
80, 70.254, 89.263

Deuteranomaly
80, 73.126, 80.900

Tritanomaly
80, 38.936, 55.473

Monochromacy



Original Color
80, 73.291, 79.426

Achromatopsia
77, 0.009, 296.813

Achromatomaly
78, 27.621, 85.951

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 73.291, 79.426 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, 186, 52)` looks like.

```
.text, #text, p{  
    color:rgb(254, 186, 52)  
}
```

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, 186, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 186, 52) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 73.291, 79.426 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, 186, 52) }
```

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

```
.border{ border-color:rgb(254, 186, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 186, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 186, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 186, 52);  
box-shadow:4px 4px 4px 4px rgb(254, 186,  
52) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 73.291, 79.426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 186, 52) }
```

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

```
.background{ background-color: rgb(254,  
186, 52) }
```

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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