

Converting Colors

CIELCh(78, 79.295, 81.367)

Have a look what the booklet for
CIELCh(78, 79.295, 81.367) contains.

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Color

CIELCh(78, 79.290, 81.418)

Conversions

Conversions Part 1

Format	Color
Hex	F7B613
RGB	247, 182, 19
RGB Percent	97%, 71%, 7%
CMY	0.0318, 0.2867, 0.9263
CMYK	0.00, 0.26, 0.92, 0.03
HSL	43°, 93%, 52%
HSV	43°, 92%, 97%
XYZ	55.1379, 53.2120, 7.9713
YIQ	182.8530, 91.0630, -36.9130

Conversions

Conversions Part 2

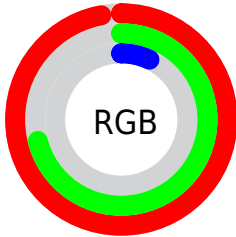
Format	Color
R _Y B	110, 247, 19
Decimal	16234003
CIE Lab	78.00, 11.83, 78.40
CIE LCh	78, 79.290, 81.418
Yxy	53.2120, 0.4740, 0.4575
Android (android.graphics.Color)	4294424083 (0xFFFF7B613)
YUV	182.8530, -80.7795, 56.2569
Hunter-Lab	72.9466, 7.2659, 44.5836

Details

The CIELCh color **78, 79.290, 81.418** 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 **43, 96.235, 297.248**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 72.604, 98.722**, and **58, 65.063, 78.526** is the 20% darker color. If you saturate the color by 10%, you get **77, 80.975, 79.715**, and if you desaturate by 10%, it is **80, 74.819, 83.360**.

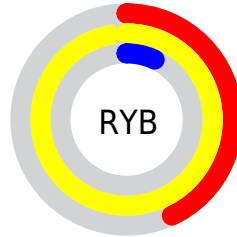
Distribution



Red (97%)

Green (71%)

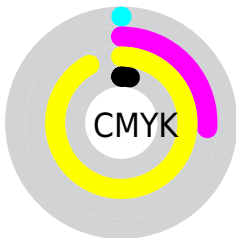
Blue (7%)



Red (43%)

Yellow (97%)

Blue (7%)

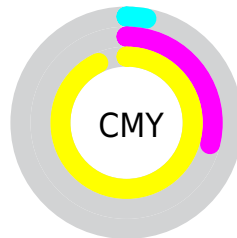


Cyan (0%)

Magenta (26%)

Yellow (92%)

Black (3%)



Cyan (3%)

Magenta (29%)

Yellow (93%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 79.290, 81.418 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 78, 79.290, 81.418 by changing the saturation by 10% instead.

 78, 79.290, 81.418

 78, 79.290, 81.418

 100, 79.290,
81.418

 68, 79.290, 81.418

 98, 79.290, 81.418

 58, 79.290, 81.418

 48, 79.290, 81.418

 38, 79.290, 81.418

 28, 79.290, 81.418

 18, 79.290, 81.418

 8, 79.290, 81.418

 0, 79.290, 81.418

 78, 79.290, 81.418

 78, 79.290, 81.418

77, 80.975, 79.715

80, 74.819, 83.360

82, 67.915, 85.025

84, 59.475, 86.539

86, 50.219, 87.973

88, 40.602, 89.357

90, 30.886, 90.703

92, 21.208, 92.010

94, 11.641, 93.272

97, 2.216, 94.411

Harmonies

Complementary

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



78, 79.290, 81.418



43, 96.235, 297.248

Rectangle

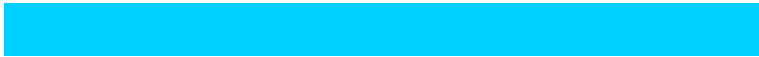
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78, 79.290, 81.418



78, 79.290, 131.418



78, 79.290, 261.418



78, 79.290, 311.418

Sweetspot

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



78, 79.289, 81.421



93, 27.339, 91.275



53, 82.869, 18.004



49, 18.924, 90.705



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



78, 79.289, 81.421



79, 82.978, 79.669



91, 95.290, 114.321



50, 5.291, 93.627



59, 65.574, 80.182



18, 26.511, 82.949

Inverse Universe

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



43, 96.235, 297.248



41, 107.311, 299.726



35, 124.737, 307.091



48, 5.315, 276.049



30, 83.100, 299.099



6, 31.403, 293.083

Previews

White Background



This preview shows how the CIELCh color 78, 79.290, 81.418 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 78, 79.290, 81.418 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 78, 79.290, 81.418

Background



This preview shows how black text looks on a background with the CIELCh color 78, 79.290, 81.418.



This preview shows how white text looks on a background with the CIELCh color 78, 79.290, 81.418.

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

78, 79.290, 81.418

Protanopia

78, 76.915, 95.121

Deuteranopia

78, 79.132, 82.740



Tritanopia
78, 33.898, 10.919

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 79.290, 81.418 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(247, 182, 19)` looks like.

```
.text, #text, p{  
    color:rgb(247, 182, 19)  
}
```

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(247, 182, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 182, 19) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 79.290, 81.418 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(247, 182, 19) }
```

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

```
.border{ border-color:rgb(247, 182, 19) }
```

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

Here you see how a box with a 4 pixel rgb(247, 182, 19) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 182, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 182, 19);  
box-shadow:4px 4px 4px 4px rgb(247, 182,  
19) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 79.290, 81.418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 182, 19) }
```

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

```
.background{ background-color: rgb(247,  
182, 19) }
```

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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