

Converting Colors

CIELCh(79, 75.252, 89.943)

Have a look what the booklet for
CIELCh(79, 75.252, 89.943) contains.

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Color

CIELCh(79, 75.210, 89.974)

Conversions

Conversions Part 1

Format	Color
Hex	E7C023
RGB	231, 192, 35
RGB Percent	91%, 75%, 14%
CMY	0.0933, 0.2463, 0.8617
CMYK	0.00, 0.17, 0.85, 0.09
HSL	48°, 80%, 52%
HSV	48°, 85%, 91%
XYZ	52.2208, 54.9284, 9.4607
YIQ	185.7630, 73.6410, -40.5590

Conversions

Conversions Part 2

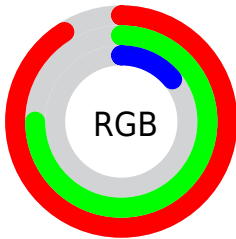
Format	Color
R _Y B	84, 231, 35
Decimal	15188003
CIE Lab	79.00, 0.03, 75.21
CIE LCh	79, 75.210, 89.974
Yxy	54.9284, 0.4478, 0.4710
Android (android.graphics.Color)	4293378083 (0xFFE7C023)
YUV	185.7630, -74.3262, 39.6728
Hunter-Lab	74.1137, -3.9270, 44.3111

Details

The CIELCh color **79, 75.210, 89.974** 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 **40, 93.610, 298.712**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 72.597, 102.228**, and **59, 63.750, 89.072** is the 20% darker color. If you saturate the color by 10%, you get **78, 78.425, 88.516**, and if you desaturate by 10%, it is **80, 69.436, 91.319**.

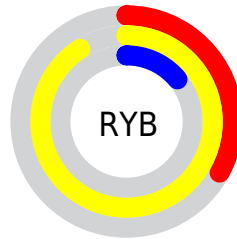
Distribution



Red (91%)

Green (75%)

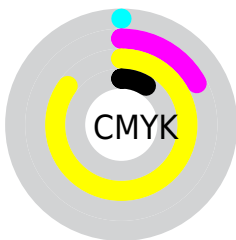
Blue (14%)



Red (33%)

Yellow (91%)

Blue (14%)

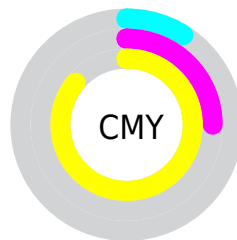


Cyan (0%)

Magenta (17%)

Yellow (85%)

Black (9%)



Cyan (9%)

Magenta (25%)

Yellow (86%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 75.210, 89.974 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, 75.210, 89.974 by changing the saturation by 10% instead.

 79, 75.210, 89.974

 79, 75.210, 89.974

 100, 75.210,
89.974

 69, 75.210, 89.974

 99, 75.210, 89.974

 59, 75.210, 89.974

 49, 75.210, 89.974

 39, 75.210, 89.974

 29, 75.210, 89.974

 19, 75.210, 89.974

 9, 75.210, 89.974

 0, 75.210, 89.974

 79, 75.210, 89.974

 79, 75.210, 89.974

78, 78.425, 88.516

80, 69.436, 91.319

77, 79.281, 87.700

82, 61.816, 92.606

83, 53.058, 93.870

84, 43.673, 95.120

86, 33.983, 96.355

88, 24.176, 97.570

89, 14.361, 98.754

91, 4.595, 99.883

93, 5.089, 281.071

Harmonies

Complementary

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



79, 75.210, 89.974



40, 93.610, 298.712

Rectangle

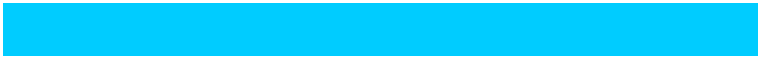
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79, 75.210, 89.974



79, 75.210, 139.974



79, 75.210, 269.974



79, 75.210, 319.974

Sweetspot

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



79, 75.209, 89.977



95, 26.448, 97.523



50, 77.672, 22.339



50, 18.055, 97.097



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, 75.209, 89.977



84, 85.336, 87.606



85, 89.569, 118.756



47, 5.485, 99.363



61, 65.425, 87.992



17, 24.450, 90.680

Inverse Universe

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



40, 93.610, 298.712



37, 119.106, 302.965



37, 110.763, 308.284



45, 5.549, 281.608



25, 89.446, 302.404



4, 29.075, 292.451

Previews

White Background



This preview shows how the CIELCh color 79, 75.210, 89.974 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, 75.210, 89.974 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, 75.210, 89.974

Background



This preview shows how black text looks on a background with the CIELCh color 79, 75.210, 89.974.



This preview shows how white text looks on a background with the CIELCh color 79, 75.210, 89.974.

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, 75.210, 89.974

Protanopia

79, 74.859, 95.169

Deuteranopia

79, 75.639, 82.315



Tritanopia
79, 24.603, 4.092

Trichromacy



Original Color
79, 75.210, 89.974

Protanomaly
79, 74.926, 93.448

Deuteranomaly
79, 75.140, 85.049

Tritanomaly
78, 34.316, 67.535

Monochromacy



Original Color
79, 75.210, 89.974

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 30.862, 96.465

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 75.210, 89.974 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(231, 192, 35)` looks like.

```
.text, #text, p{  
    color:rgb(231, 192, 35)  
}
```

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(231, 192, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 192, 35) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 75.210, 89.974 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(231, 192, 35) }
```

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

```
.border{ border-color:rgb(231, 192, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 192, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 192, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 192, 35);  
box-shadow:4px 4px 4px 4px rgb(231, 192,  
35) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 75.210, 89.974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 192, 35) }
```

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

```
.background{ background-color: rgb(231,  
192, 35) }
```

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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