

Converting Colors

CIELCh(87, 71.297, 95.201)

Have a look what the booklet for
CIELCh(87, 71.297, 95.201) contains.

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Color

CIELCh(87, 71.254, 95.121)

Conversions

Conversions Part 1

Format	Color
Hex	F4DA49
RGB	244, 218, 73
RGB Percent	96%, 85%, 29%
CMY	0.0423, 0.1443, 0.7129
CMYK	0.00, 0.11, 0.70, 0.04
HSL	51°, 89%, 62%
HSV	51°, 70%, 96%
XYZ	63.7201, 70.0064, 16.4947
YIQ	209.2440, 62.0410, -39.5830

Conversions

Conversions Part 2

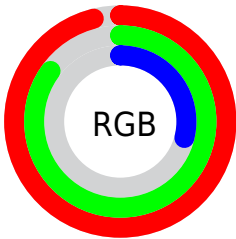
Format	Color
RYB	104, 244, 73
Decimal	16046665
CIELab	87.00, -6.36, 70.97
CIELCh	87, 71.254, 95.121
Yxy	70.0064, 0.4242, 0.4660
Android (android.graphics.Color)	4294236745 (0xFFF4DA49)
YUV	209.2440, -67.1683, 30.4810
Hunter-Lab	83.6698, -10.4826, 46.8804

Details

The CIELCh color **87, 71.254, 95.121** 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 **48, 84.368, 296.519**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 61.770, 105.450**, and **67, 70.057, 94.923** is the 20% darker color. If you saturate the color by 10%, you get **86, 78.195, 93.997**, and if you desaturate by 10%, it is **88, 62.615, 96.265**.

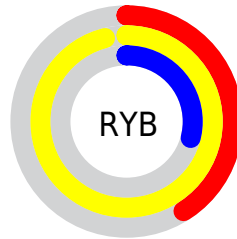
Distribution



Red (96%)

Green (85%)

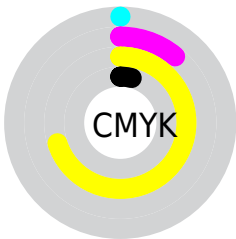
Blue (29%)



Red (41%)

Yellow (96%)

Blue (29%)

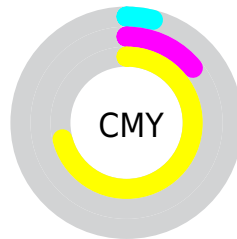


Cyan (0%)

Magenta (11%)

Yellow (70%)

Black (4%)



Cyan (4%)


Magenta (14%)

Yellow (71%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 71.254, 95.121 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 87, 71.254, 95.121 by changing the saturation by 10% instead.

 87, 71.254, 95.121

 87, 71.254, 95.121

 100, 71.254,
95.121

 77, 71.254, 95.121

 67, 71.254, 95.121

 57, 71.254, 95.121

 47, 71.254, 95.121

 37, 71.254, 95.121

 27, 71.254, 95.121

 17, 71.254, 95.121

 7, 71.254, 95.121

 0, 71.254, 95.121

87, 71.254, 95.121

87, 71.254, 95.121

86, 78.195, 93.997

88, 62.615, 96.265

85, 82.698, 92.864

89, 52.933, 97.423

84, 84.593, 91.693

91, 42.665, 98.589

92, 32.100, 99.753

93, 21.409,
100.902

95, 10.693,
102.022

96, 0.010, 88.243

97, 3.819, 270.879

98, 3.062, 233.480

Harmonies

Complementary

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



87, 71.254, 95.121



48, 84.368, 296.519

Rectangle

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



87, 71.254, 95.121



87, 71.254, 145.121



87, 71.254, 275.121



87, 71.254, 325.121

Sweetspot

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



87, 71.254, 95.124



97, 23.260, 100.784



57, 69.988, 18.747



51, 15.745, 100.468



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



87, 71.254, 95.124



89, 83.082, 93.527



90, 83.475, 119.852



51, 6.076, 102.081



66, 69.096, 91.904



21, 29.245, 93.742

Inverse Universe

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



48, 84.368, 296.519



42, 106.416, 300.488



47, 98.080, 308.214



47, 6.166, 284.252



25, 96.856, 303.840



5, 35.696, 297.026

Previews

White Background



This preview shows how the CIELCh color 87, 71.254, 95.121 looks on a white background.

Color Contrast Check

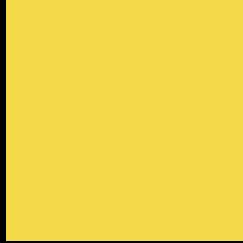
Large Text (above 18pt) WCAG AA × Fail

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 87, 71.254, 95.121 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 87, 71.254, 95.121

Background



This preview shows how black text looks on a background with the CIELCh color 87, 71.254, 95.121.



This preview shows how white text looks on a background with the CIELCh color 87, 71.254, 95.121.

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

87, 71.254, 95.121

Protanopia

87, 71.254, 95.121

Deuteranopia

87, 38.598, 79.332



Tritanopia
87, 20.470, 357.054

Trichromacy



Original Color
87, 71.254, 95.121

Protanomaly
87, 71.254, 95.121

Deuteranomaly
87, 50.799, 88.182

Tritanomaly
86, 27.850, 71.214

Monochromacy



Original Color
87, 71.254, 95.121

Achromatopsia
84, 0.010, 296.813

Achromatomaly
85, 27.400, 99.483

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 71.254, 95.121 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(244, 218, 73)` looks like.

```
.text, #text, p{  
    color:rgb(244, 218, 73)  
}
```

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(244, 218, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 218, 73) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 71.254, 95.121 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(244, 218, 73) }
```

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

```
.border{ border-color:rgb(244, 218, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 218, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 218, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 218, 73);  
box-shadow:4px 4px 4px 4px rgb(244, 218,  
73) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 71.254, 95.121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 218, 73) }
```

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

```
.background{ background-color: rgb(244,  
218, 73) }
```

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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