

Converting Colors

CIELCh(89, 74.204, 95.387)

Have a look what the booklet for
CIELCh(89, 74.204, 95.387) contains.

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Color

CIELCh(89, 74.204, 95.387)

Conversions

Conversions Part 1

Format	Color
Hex	FAE047
RGB	250, 224, 71
RGB Percent	98%, 88%, 28%
CMY	0.0192, 0.1212, 0.7211
CMYK	0.00, 0.10, 0.72, 0.02
HSL	51°, 95%, 63%
HSV	51°, 72%, 98%
XYZ	67.2855, 74.1641, 16.7474
YIQ	214.3320, 64.6090, -42.0710

Conversions

Conversions Part 2

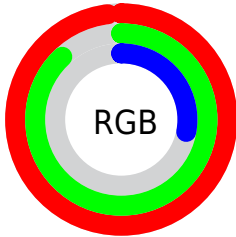
Format	Color
RYB	101, 250, 71
Decimal	16441415
CIELab	89.00, -6.97, 73.88
CIELCh	89, 74.204, 95.387
Yxy	74.1641, 0.4253, 0.4688
Android (android.graphics.Color)	4294631495 (0xFFFAE047)
YUV	214.3320, -70.6627, 31.2808
Hunter-Lab	86.1186, -11.2433, 48.7530

Details

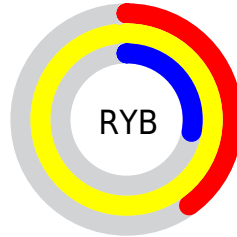
The CIELCh color **89, 74.204, 95.387** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **48, 88.896, 297.270**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 62.217, 105.416**, and **69, 71.901, 95.181** is the 20% darker color. If you saturate the color by 10%, you get **88, 80.915, 94.292**, and if you desaturate by 10%, it is **90, 65.620, 96.509**.

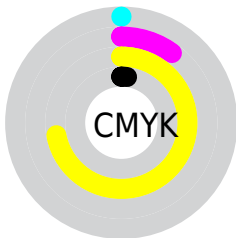
Distribution



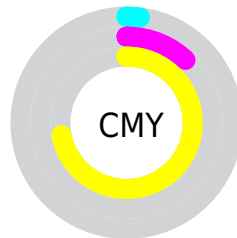
- Red (98%)
- Green (88%)
- Blue (28%)



- Red (40%)
- Yellow (98%)
- Blue (28%)



- Cyan (0%)
- Magenta (10%)
- Yellow (72%)
- Black (2%)



- Cyan (2%)
- Magenta (12%)
- Yellow (72%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 74.204, 95.387 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 89, 74.204, 95.387 by changing the saturation by 10% instead.

 89, 74.204, 95.387

 89, 74.204, 95.387

 100, 74.204,
95.387

 79, 74.204, 95.387

 69, 74.204, 95.387

 59, 74.204, 95.387

 49, 74.204, 95.387

 39, 74.204, 95.387

 29, 74.204, 95.387

 19, 74.204, 95.387

 9, 74.204, 95.387

 0, 74.204, 95.387

89, 74.204, 95.387

89, 74.204, 95.387

88, 80.915, 94.292

90, 65.620, 96.509

87, 85.023, 93.195

91, 55.858, 97.649

86, 86.456, 92.245

93, 45.421, 98.804

94, 34.630, 99.960

95, 23.679,
101.105

97, 12.683,
102.225

98, 1.706, 103.245

99, 1.409, 241.301

100, 1.698,
199.688

Harmonies

Complementary

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



89, 74.204, 95.387



48, 88.896, 297.270

Rectangle

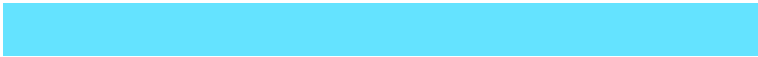
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89, 74.204, 95.387



89, 74.204, 145.387



89, 74.204, 275.387



89, 74.204, 325.387

Sweetspot

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



89, 74.204, 95.390



97, 23.419, 101.167



58, 73.194, 20.648



51, 15.852, 100.852



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



89, 74.204, 95.390



89, 84.359, 93.798



91, 86.819, 120.560



52, 6.224, 102.453



67, 70.062, 92.449



22, 30.585, 94.095

Inverse Universe

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



48, 88.896, 297.270



41, 109.834, 301.264



48, 101.934, 308.708



48, 6.319, 284.616



25, 98.482, 304.030



5, 37.721, 298.161

Previews

White Background



This preview shows how the CIELCh color 89, 74.204, 95.387 looks on a white background.

Color Contrast Check

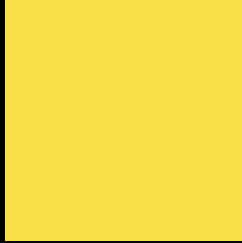
Large Text (above 18pt) WCAG AA × Fail

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 89, 74.204, 95.387 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 89, 74.204, 95.387

Background



This preview shows how black text looks on a background with the CIELCh color 89, 74.204, 95.387.



This preview shows how white text looks on a background with the CIELCh color 89, 74.204, 95.387.

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

89, 74.204, 95.387

Protanopia

89, 74.204, 95.387

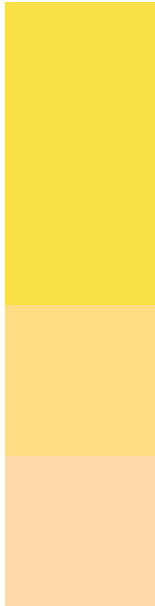
Deuteranopia

89, 30.916, 79.319



Tritanopia
89, 17.072, 357.474

Trichromacy



Original Color
89, 74.204, 95.387

Protanomaly
89, 74.204, 95.387

Deuteranomaly
89, 47.692, 89.636

Tritanomaly
88, 28.683, 77.204

Monochromacy



Original Color
89, 74.204, 95.387

Achromatopsia
86, 0.010, 296.813

Achromatomaly
87, 29.243, 100.696

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 74.204, 95.387 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(250, 224, 71)` looks like.

```
.text, #text, p{  
    color:rgb(250, 224, 71)  
}
```

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(250, 224, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 224, 71) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 74.204, 95.387 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(250, 224, 71) }
```

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

```
.border{ border-color:rgb(250, 224, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 224, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 224, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 224, 71);  
box-shadow:4px 4px 4px 4px rgb(250, 224,  
71) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 74.204, 95.387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 224, 71) }
```

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

```
.background{ background-color: rgb(250,  
224, 71) }
```

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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