

Converting Colors

CIELCh(88, 71.462, 91.734)

Have a look what the booklet for
CIELCh(88, 71.462, 91.734) contains.

CIELCh(88, 71.716, 92.082)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(88, 71.716, 92.082)

Conversions

Conversions Part 1

Format	Color
Hex	FEDB4B
RGB	254, 219, 75
RGB Percent	100%, 86%, 29%
CMY	0.0050, 0.1421, 0.7068
CMYK	0.00, 0.14, 0.71, 0.00
HSL	48°, 99%, 64%
HSV	48°, 71%, 100%
XYZ	67.3085, 72.0653, 16.9751
YIQ	213.0490, 67.0840, -37.3640

Conversions

Conversions Part 2

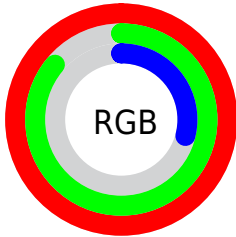
Format	Color
RYB	119, 254, 75
Decimal	16702283
CIELab	88.00, -2.61, 71.67
CIElCh	88, 71.716, 92.082
Yxy	72.0653, 0.4305, 0.4609
Android (android.graphics.Color)	4294892363 (0xFFFEDB4B)
YUV	213.0490, -68.0582, 35.9140
Hunter-Lab	84.8913, -7.0308, 47.5681

Details

The CIELCh color **88, 71.716, 92.082** 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 **52, 82.954, 294.728**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 60.873, 105.518**, and **68, 71.039, 92.024** is the 20% darker color. If you saturate the color by 10%, you get **87, 78.793, 90.777**, and if you desaturate by 10%, it is **89, 62.942, 93.356**.

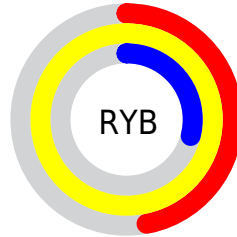
Distribution



Red (100%)

Green (86%)

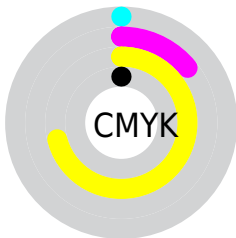
Blue (29%)



Red (47%)

Yellow (100%)

Blue (29%)

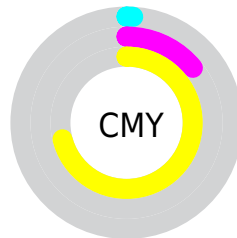


Cyan (0%)

Magenta (14%)

Yellow (71%)

Black (0%)



Cyan (1%)

Magenta (14%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 71.716, 92.082 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 88, 71.716, 92.082 by changing the saturation by 10% instead.

88, 71.716, 92.082

88, 71.716, 92.082

100, 71.716,
92.082

78, 71.716, 92.082

68, 71.716, 92.082

58, 71.716, 92.082

48, 71.716, 92.082

38, 71.716, 92.082

28, 71.716, 92.082

18, 71.716, 92.082

8, 71.716, 92.082

0, 71.716, 92.082

88, 71.716, 92.082

88, 71.716, 92.082

87, 78.793, 90.777

89, 62.942, 93.356

85, 83.356, 89.386

91, 53.167, 94.613

84, 85.162, 87.942

93, 42.863, 95.857

94, 32.317, 97.086

96, 21.695, 98.291

98, 11.089, 99.461

99, 0.552, 100.284

100, 0.439,
200.889

Harmonies

Complementary

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



88, 71.716, 92.082



52, 82.954, 294.728

Rectangle

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



88, 71.716, 92.082



88, 71.716, 142.082



88, 71.716, 272.082



88, 71.716, 322.082

Sweetspot

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



88, 71.716, 92.085



96, 22.276, 98.236



59, 72.037, 16.385



51, 15.088, 97.905



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



88, 71.716, 92.085



86, 81.501, 90.168



93, 85.858, 118.413



52, 6.005, 99.579



65, 68.956, 88.233



22, 30.570, 90.251

Inverse Universe

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



52, 82.954, 294.728



43, 102.198, 299.080



48, 102.086, 307.497



49, 6.077, 281.842



27, 94.929, 302.650



6, 37.822, 297.745

Previews

White Background



This preview shows how the CIELCh color 88, 71.716, 92.082 looks on a white background.

Color Contrast Check

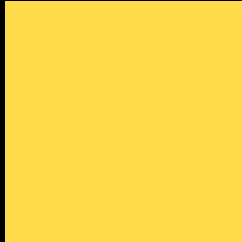
Large Text (above 18pt) WCAG AA × Fail

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 88, 71.716, 92.082 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 88, 71.716, 92.082

Background



This preview shows how black text looks on a background with the CIELCh color 88, 71.716, 92.082.



This preview shows how white text looks on a background with the CIELCh color 88, 71.716, 92.082.

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

88, 71.716, 92.082

Protanopia

88, 71.641, 95.224

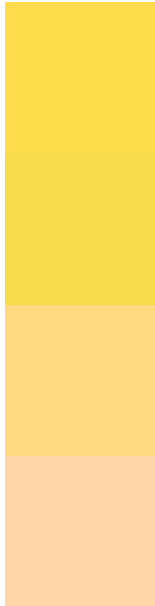
Deuteranopia

88, 34.176, 78.581



Tritanopia
88, 17.985, 0.553

Trichromacy



Original Color
88, 71.716, 92.082

Protanomaly
88, 71.513, 94.161

Deuteranomaly
88, 48.700, 86.718

Tritanomaly
88, 29.035, 72.890

Monochromacy



Original Color
88, 71.716, 92.082

Achromatopsia
85, 0.010, 296.813

Achromatomaly
86, 27.536, 97.063

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 71.716, 92.082 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, 219, 75)` looks like.

```
.text, #text, p{  
    color:rgb(254, 219, 75)  
}
```

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, 219, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 219, 75) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 71.716, 92.082 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, 219, 75) }
```

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

```
.border{ border-color:rgb(254, 219, 75) }
```

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

Here you see how a box with a 4 pixel rgb(254, 219, 75) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 219, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 219, 75);  
box-shadow:4px 4px 4px 4px rgb(254, 219,  
75) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 71.716, 92.082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 219, 75) }
```

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

```
.background{ background-color: rgb(254,  
219, 75) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor