

Converting Colors

CIELCh(84, 75.860, 93.028)

Have a look what the booklet for
CIELCh(84, 75.860, 93.028) contains.

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Color

CIELCh(84, 75.833, 92.953)

Conversions

Conversions Part 1

Format	Color
Hex	F0D032
RGB	240, 208, 50
RGB Percent	94%, 82%, 20%
CMY	0.0576, 0.1832, 0.8025
CMYK	0.00, 0.13, 0.79, 0.06
HSL	50°, 87%, 57%
HSV	50°, 79%, 94%
XYZ	59.2519, 64.0658, 12.2999
YIQ	199.5560, 69.7900, -42.3540

Conversions

Conversions Part 2

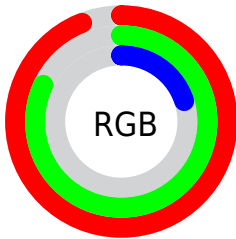
Format	Color
R _Y B	88, 240, 50
Decimal	15781938
CIE Lab	84.00, -3.91, 75.73
CIE LCh	84, 75.833, 92.953
Yxy	64.0658, 0.4369, 0.4724
Android (android.graphics.Color)	4293972018 (0xFFFF0D032)
YUV	199.5560, -73.7311, 35.4694
Hunter-Lab	80.0411, -7.9341, 46.9177

Details

The CIELCh color **84, 75.833, 92.953** 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 **43, 93.191, 298.378**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 69.991, 104.826**, and **64, 67.696, 92.554** is the 20% darker color. If you saturate the color by 10%, you get **83, 80.592, 91.735**, and if you desaturate by 10%, it is **85, 68.762, 94.147**.

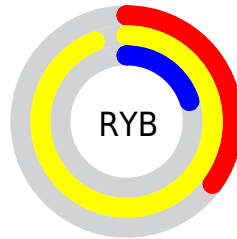
Distribution



Red (94%)

Green (82%)

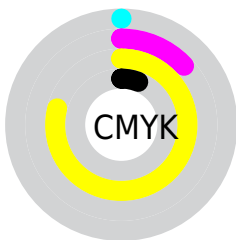
Blue (20%)



Red (35%)

Yellow (94%)

Blue (20%)

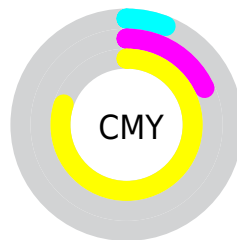


Cyan (0%)

Magenta (13%)

Yellow (79%)

Black (6%)



Cyan (6%)

Magenta (18%)

Yellow (80%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 75.833, 92.953 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 84, 75.833, 92.953 by changing the saturation by 10% instead.

 84, 75.833, 92.953

 84, 75.833, 92.953

 100, 75.833,
92.953

 74, 75.833, 92.953

 64, 75.833, 92.953

 54, 75.833, 92.953

 44, 75.833, 92.953

 34, 75.833, 92.953

 24, 75.833, 92.953

 14, 75.833, 92.953

 4, 75.833, 92.953

 0, 75.833, 92.953

84, 75.833, 92.953

84, 75.833, 92.953

83, 80.592, 91.735

85, 68.762, 94.147

82, 82.688, 90.442

86, 60.131, 95.337

82, 82.833, 90.317

88, 50.566, 96.531

89, 40.495, 97.724

90, 30.178, 98.909

92, 19.772,
100.075

93, 9.364, 101.207

95, 0.994, 282.493

96, 5.445, 274.311

Harmonies

Complementary

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



84, 75.833, 92.953



43, 93.191, 298.378

Rectangle

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



84, 75.833, 92.953



84, 75.833, 142.953



84, 75.833, 272.953



84, 75.833, 322.953

Sweetspot

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



84, 75.833, 92.956



96, 26.158, 99.492



54, 76.398, 21.089



51, 17.974, 99.073



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



84, 75.833, 92.956



87, 85.911, 90.935



88, 89.193, 119.267



49, 5.870, 101.160



64, 67.794, 90.557



19, 27.649, 92.688

Inverse Universe

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



43, 93.191, 298.378



38, 117.604, 302.753



41, 108.035, 308.379



47, 5.951, 283.357



25, 94.374, 303.380



4, 33.409, 295.528

Previews

White Background



This preview shows how the CIELCh color 84, 75.833, 92.953 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 84, 75.833, 92.953 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 84, 75.833, 92.953

Background



This preview shows how black text looks on a background with the CIELCh color 84, 75.833, 92.953.

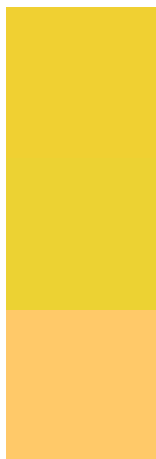


This preview shows how white text looks on a background with the CIELCh color 84, 75.833, 92.953.

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


84, 75.833, 92.953

Protanopia

84, 75.722, 94.988

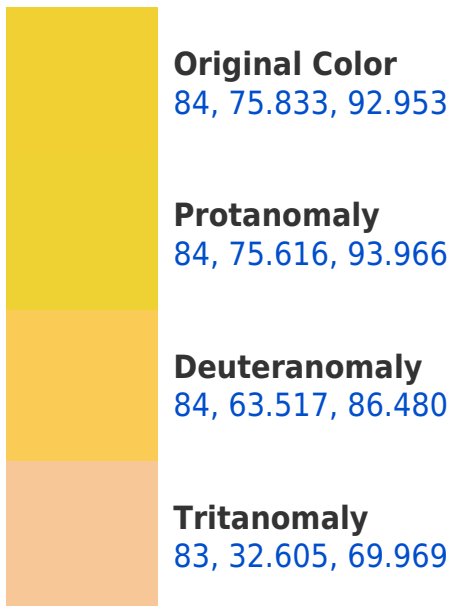
Deuteranopia

84, 55.181, 80.847



Tritanopia
84, 22.940, 1.332

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 75.833, 92.953 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(240, 208, 50)` looks like.

```
.text, #text, p{  
    color:rgb(240, 208, 50)  
}
```

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(240, 208, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 208, 50) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 75.833, 92.953 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(240, 208, 50) }
```

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

```
.border{ border-color:rgb(240, 208, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 208, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 208, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 208, 50);  
box-shadow:4px 4px 4px 4px rgb(240, 208,  
50) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 75.833, 92.953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 208, 50) }
```

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

```
.background{ background-color: rgb(240,  
208, 50) }
```

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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