

Converting Colors

CIELCh(77, 59.640, 85.432)

Have a look what the booklet for
CIELCh(77, 59.640, 85.432) contains.

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Color

CIELCh(77, 59.723, 85.272)

Conversions

Conversions Part 1

Format	Color
Hex	E5B84B
RGB	229, 184, 75
RGB Percent	90%, 72%, 29%
CMY	0.1014, 0.2779, 0.7053
CMYK	0.00, 0.20, 0.67, 0.10
HSL	42°, 75%, 60%
HSV	42°, 67%, 90%
XYZ	50.8061, 51.5317, 13.9500
YIQ	185.0290, 61.8090, -24.3590

Conversions

Conversions Part 2

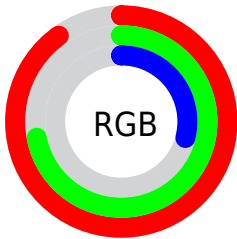
Format	Color
R _Y B	139, 229, 75
Decimal	15054923
CIE Lab	77.00, 4.92, 59.52
CIE LCh	77, 59.723, 85.272
Yxy	51.5317, 0.4369, 0.4431
Android (android.graphics.Color)	4293245003 (0xFFE5B84B)
YUV	185.0290, -54.2443, 38.5626
Hunter-Lab	71.7856, 0.7081, 38.7282

Details

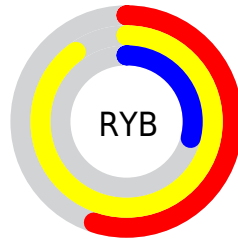
The CIELCh color **77, 59.723, 85.272** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **53, 63.137, 288.210**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 55.737, 99.419**, and **57, 59.781, 84.987** is the 20% darker color. If you saturate the color by 10%, you get **75, 67.140, 83.692**, and if you desaturate by 10%, it is **79, 51.289, 86.747**.

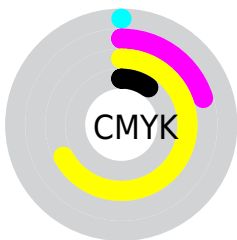
Distribution



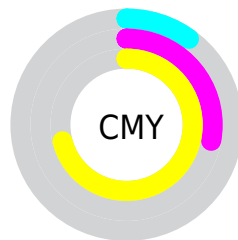
- Red (90%)
- Green (72%)
- Blue (29%)



- Red (55%)
- Yellow (90%)
- Blue (29%)



- Cyan (0%)
- Magenta (20%)
- Yellow (67%)
- Black (10%)



- Cyan (10%)
- Magenta (28%)
- Yellow (71%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 59.723, 85.272 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 77, 59.723, 85.272 by changing the saturation by 10% instead.

 77, 59.723, 85.272

 77, 59.723, 85.272

 100, 59.723,
85.272

 67, 59.723, 85.272

 97, 59.723, 85.272

 57, 59.723, 85.272

 47, 59.723, 85.272

 37, 59.723, 85.272

 27, 59.723, 85.272

 17, 59.723, 85.272

 7, 59.723, 85.272

 0, 59.723, 85.272

 77, 59.723, 85.272

 77, 59.723, 85.272

75, 67.140, 83.692

79, 51.289, 86.747

73, 72.762, 81.901

81, 42.370, 88.155

72, 75.835, 79.758

83, 33.277, 89.520

71, 76.455, 79.130

85, 24.183, 90.847

87, 15.176, 92.133

89, 6.299, 93.362

92, 2.431, 274.701

94, 9.312, 272.655

96, 7.434, 246.288

Harmonies

Complementary

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



77, 59.723, 85.272



53, 63.137, 288.210

Rectangle

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



77, 59.723, 85.272



77, 59.723, 135.272



77, 59.723, 265.272



77, 59.723, 315.272

Sweetspot

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



77, 59.723, 85.275



95, 19.280, 91.764



55, 63.101, 7.160



50, 13.183, 91.401



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



77, 59.723, 85.275



82, 75.685, 82.961



86, 74.857, 113.916



47, 4.980, 93.094



57, 63.480, 79.577



15, 22.698, 82.543

Inverse Universe

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



53, 63.137, 288.210



50, 84.620, 292.974



44, 90.145, 304.951



45, 4.999, 275.512



29, 79.461, 298.648



5, 26.687, 289.520

Previews

White Background



This preview shows how the CIELCh color 77, 59.723, 85.272 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 77, 59.723, 85.272 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 77, 59.723, 85.272

Background



This preview shows how black text looks on a background with the CIELCh color 77, 59.723, 85.272.



This preview shows how white text looks on a background with the CIELCh color 77, 59.723, 85.272.

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

77, 59.723, 85.272

Protanopia

77, 58.691, 95.685

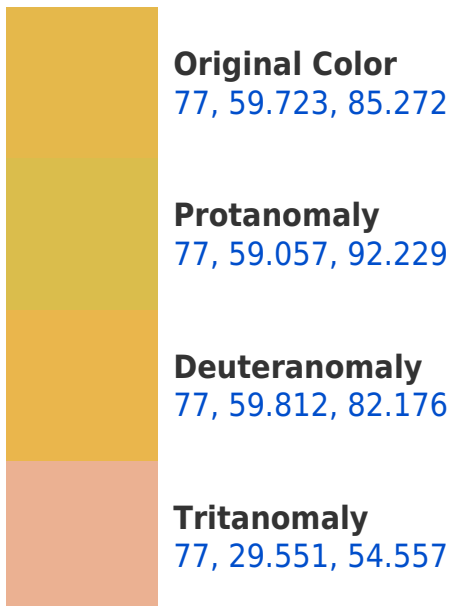
Deuteranopia

77, 60.239, 80.509



Tritanopia
77, 25.771, 6.237

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 59.723, 85.272 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(229, 184, 75)` looks like.

```
.text, #text, p{  
    color:rgb(229, 184, 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(229, 184, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 184, 75) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 59.723, 85.272 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(229, 184, 75) }
```

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

```
.border{ border-color:rgb(229, 184, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 184, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 184, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 184, 75);  
box-shadow:4px 4px 4px 4px rgb(229, 184,  
75) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 59.723, 85.272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 184, 75) }
```

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

```
.background{ background-color: rgb(229,  
184, 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](#).

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