

Converting Colors

CIELCh(85, 37.790, 73.570)

Have a look what the booklet for
CIELCh(85, 37.790, 73.570) contains.

CIELCh(85, 37.790, 73.570)	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(85, 37.790, 73.570)

Conversions

Conversions Part 1

Format	Color
Hex	FECB90
RGB	254, 203, 144
RGB Percent	100%, 80%, 56%
CMY	0.0027, 0.2027, 0.4342
CMYK	0.00, 0.20, 0.43, 0.00
HSL	32°, 99%, 78%
HSV	32°, 43%, 100%
XYZ	67.4731, 66.0070, 35.6844
YIQ	211.5230, 49.3350, -7.5370

Conversions

Conversions Part 2

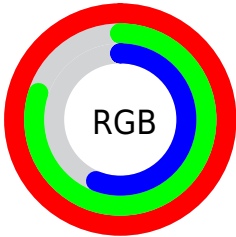
Format	Color
R _Y B	239, 254, 144
Decimal	16698256
CIE Lab	85.00, 10.69, 36.25
CIE LCh	85, 37.790, 73.570
Yxy	66.0070, 0.3989, 0.3902
Android (android.graphics.Color)	4294888336 (0xFFFE CB90)
YUV	211.5230, -33.2888, 37.2523
Hunter-Lab	81.2447, 6.0647, 30.8299

Details

The CIELCh color **85, 37.790, 73.570** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **77, 34.309, 267.138**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 28.732, 107.994**, and **65, 37.569, 73.657** is the 20% darker color. If you saturate the color by 10%, you get **82, 47.377, 72.195**, and if you desaturate by 10%, it is **88, 28.478, 74.924**.

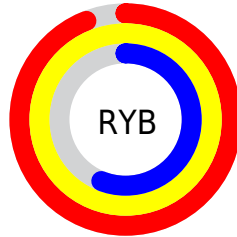
Distribution



Red (100%)

Green (80%)

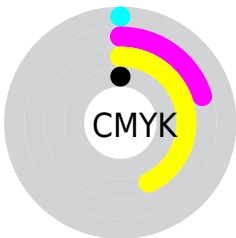
Blue (56%)



Red (94%)

Yellow (100%)

Blue (56%)

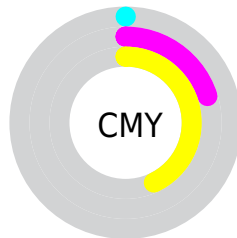


Cyan (0%)

Magenta (20%)

Yellow (43%)

Black (0%)



Cyan (0%)

Magenta (20%)

Yellow (43%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 37.790, 73.570 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 85, 37.790, 73.570 by changing the saturation by 10% instead.

 85, 37.790, 73.570

 85, 37.790, 73.570

 100, 37.790,
73.570

 75, 37.790, 73.570

 65, 37.790, 73.570

 55, 37.790, 73.570

 45, 37.790, 73.570

 35, 37.790, 73.570

 25, 37.790, 73.570

 15, 37.790, 73.570

 5, 37.790, 73.570

 0, 37.790, 73.570

85, 37.790, 73.570

85, 37.790, 73.570

82, 47.377, 72.195

88, 28.478, 74.924

79, 57.068, 70.756

92, 19.509, 76.247

76, 66.491, 69.187

95, 10.894, 77.534

73, 74.933, 67.328

99, 2.622, 78.690

70, 81.285, 64.893

100, 0.236,
202.205

69, 84.192, 62.883

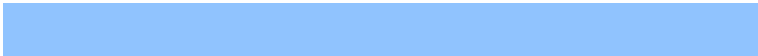
Harmonies

Complementary

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



85, 37.790, 73.570



77, 34.309, 267.138

Rectangle

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



85, 37.790, 73.570



85, 37.790, 123.570



85, 37.790, 253.570



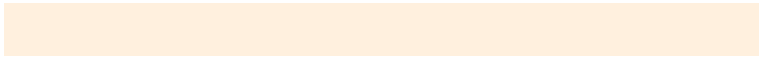
85, 37.790, 303.570

Sweetspot

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



85, 37.790, 73.575



95, 10.693, 77.568



73, 48.298, 350.162



50, 7.517, 77.288



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



85, 37.790, 73.575



82, 46.254, 72.371



97, 54.510, 107.537



51, 4.642, 78.002



53, 67.763, 63.574



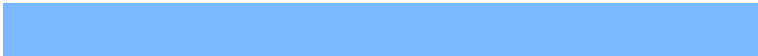
17, 27.046, 65.480

Inverse Universe

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



77, 34.309, 267.138



73, 41.180, 269.548



65, 61.198, 297.162



50, 4.564, 260.581



39, 62.655, 287.548



11, 25.341, 281.289

Previews

White Background



This preview shows how the CIELCh color 85, 37.790, 73.570 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 CIE LCh color 85, 37.790, 73.570 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 85, 37.790, 73.570

Background



This preview shows how black text looks on a background with the CIELCh color 85, 37.790, 73.570.



This preview shows how white text looks on a background with the CIELCh color 85, 37.790, 73.570.

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

85, 37.790, 73.570

Protanopia

85, 34.080, 94.917

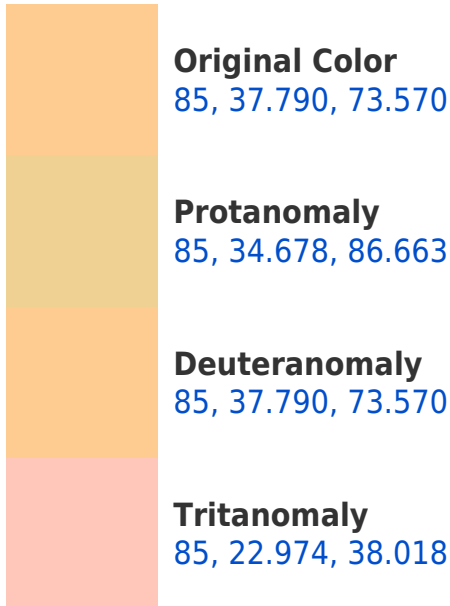
Deuteranopia

85, 37.790, 73.570

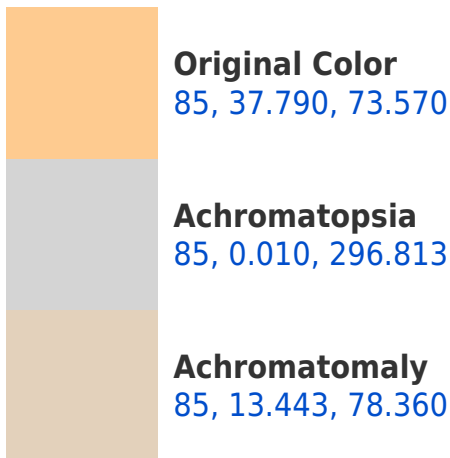


Tritanopia
85, 22.618, 3.830

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 37.790, 73.570 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, 203, 144)` looks like.

```
.text, #text, p{  
    color:rgb(254, 203, 144)  
}
```

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, 203, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 203, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 37.790, 73.570 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, 203, 144) }
```

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

```
.border{ border-color:rgb(254, 203, 144) }
```

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

Here you see how a box with a 4 pixel rgb(254, 203, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 203, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 203, 144);  
box-shadow:4px 4px 4px 4px rgb(254, 203,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 37.790, 73.570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 203, 144) }
```

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

```
.background{ background-color: rgb(254,  
203, 144) }
```

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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