

Converting Colors

CIELCh(100, 60.976, 51.120)

Have a look what the booklet for
CIELCh(100, 60.976, 51.120)
contains.

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Color

CIELCh(90, 33.420, 85.837)

Conversions

Conversions Part 1

Format	Color
Hex	FEDFA3
RGB	254, 223, 163
RGB Percent	100%, 87%, 64%
CMY	0.0051, 0.1264, 0.3615
CMYK	0.00, 0.12, 0.36, 0.01
HSL	40°, 97%, 82%
HSV	40°, 36%, 99%
XYZ	73.6855, 76.3034, 45.4104
YIQ	225.4290, 37.7360, -12.0880

Conversions

Conversions Part 2

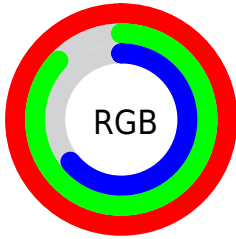
Format	Color
RYB	210, 254, 163
Decimal	16703395
CIELab	90.00, 2.43, 33.33
CIElCh	90, 33.420, 85.837
Yxy	76.3034, 0.3771, 0.3905
Android (android.graphics.Color)	4294893475 (0xFFFEFA3)
YUV	225.4290, -30.7775, 25.0568
Hunter-Lab	87.3518, -2.2922, 30.3239

Details

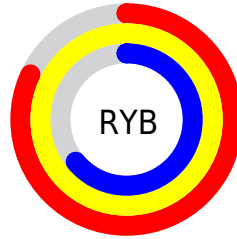
The CIELCh color **90, 33.420, 85.837** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **78, 33.071, 276.471**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 18.707, 108.762**, and **70, 33.271, 85.785** is the 20% darker color. If you saturate the color by 10%, you get **87, 43.092, 84.435**, and if you desaturate by 10%, it is **93, 23.851, 87.207**.

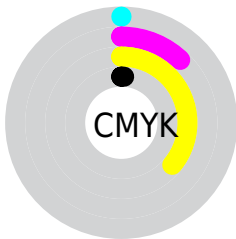
Distribution



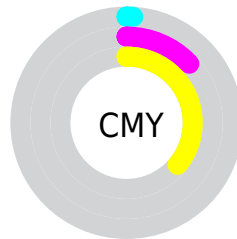
- Red (100%)
- Green (87%)
- Blue (64%)



- Red (82%)
- Yellow (100%)
- Blue (64%)



- Cyan (0%)
- Magenta (12%)
- Yellow (36%)
- Black (1%)



- Cyan (1%)
- Magenta (13%)
- Yellow (36%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 33.420, 85.837 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 90, 33.420, 85.837 by changing the saturation by 10% instead.

 90, 33.420, 85.837

 90, 33.420, 85.837

 100, 33.420,
85.837

 80, 33.420, 85.837

 70, 33.420, 85.837

 60, 33.420, 85.837

 50, 33.420, 85.837

 40, 33.420, 85.837

 30, 33.420, 85.837

 20, 33.420, 85.837

 10, 33.420, 85.837

 0, 33.420, 85.837

90, 33.420, 85.837

90, 33.420, 85.837

87, 43.092, 84.435

93, 23.851, 87.207

85, 52.713, 82.978

95, 14.452, 88.527

83, 61.992, 81.445

98, 5.252, 89.776

80, 70.402, 79.775

100, 0.449,
200.852

78, 77.106, 77.846

76, 81.126, 75.460

75, 82.179, 74.351

Harmonies

Complementary

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



90, 33.420, 85.837



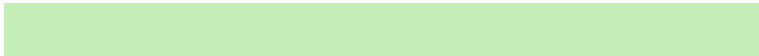
78, 33.071, 276.471

Rectangle

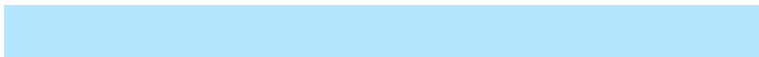
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



90, 33.420, 85.837



90, 33.420, 135.837



90, 33.420, 265.837



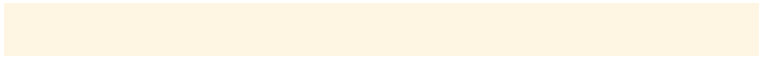
90, 33.420, 315.837

Sweetspot

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



90, 33.421, 85.842



97, 10.031, 89.143



77, 37.823, 356.693



51, 6.751, 88.971



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



90, 33.421, 85.842



89, 40.526, 84.835



97, 45.760, 113.362



52, 5.175, 89.330



58, 66.455, 74.901



19, 28.003, 77.669

Inverse Universe

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



78, 33.071, 276.471



74, 40.092, 278.114



71, 49.916, 299.543



50, 5.170, 271.851



33, 78.102, 296.293



8, 31.326, 291.093

Previews

White Background



This preview shows how the CIE LCh color 90, 33.420, 85.837 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 90, 33.420, 85.837 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 90, 33.420, 85.837

Background



This preview shows how black text looks on a background with the CIELCh color 90, 33.420, 85.837.



This preview shows how white text looks on a background with the CIELCh color 90, 33.420, 85.837.

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
90, 33.449, 85.818

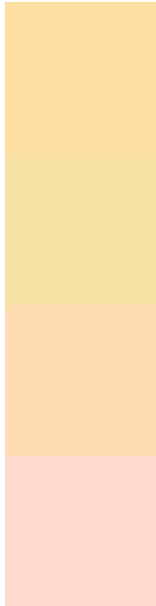
Protanopia
90, 32.703, 94.897

Deuteranopia
90, 21.541, 69.752



Tritanopia
90, 15.883, 353.466

Trichromacy



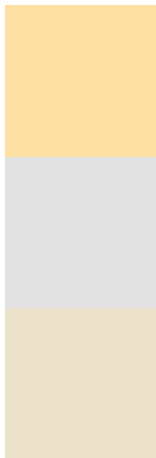
Original Color
90, 33.449, 85.818

Protanomaly
90, 32.764, 91.327

Deuteranomaly
90, 25.639, 76.992

Tritanomaly
90, 15.322, 44.057

Monochromacy



Original Color
90, 33.449, 85.818

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 12.109, 89.338

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 33.420, 85.837 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, 223, 163)` looks like.

```
.text, #text, p{  
    color:rgb(254, 223, 163)  
}
```

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, 223, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 223, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 33.420, 85.837 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, 223, 163) }
```

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

```
.border{ border-color:rgb(254, 223, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 223, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(254, 223, 163); -webkit-box-shadow:4px 4px 4px 4px rgb(254, 223, 163); box-shadow:4px 4px 4px 4px rgb(254, 223, 163) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 33.420, 85.837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 223, 163) }
```

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

```
.background{ background-color: rgb(254,  
223, 163) }
```

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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