

Converting Colors

CIELCh(85, 28.396, 72.732)

Have a look what the booklet for
CIELCh(85, 28.396, 72.732) contains.

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Color

CIELCh(85, 28.151, 72.352)

Conversions

Conversions Part 1

Format	Color
Hex	F6CDA2
RGB	246, 205, 162
RGB Percent	96%, 80%, 64%
CMY	0.0345, 0.1953, 0.3639
CMYK	0.00, 0.17, 0.34, 0.03
HSL	31°, 83%, 80%
HSV	31°, 34%, 97%
XYZ	66.5002, 66.0070, 43.5094
YIQ	212.3570, 38.2390, -4.6810

Conversions

Conversions Part 2

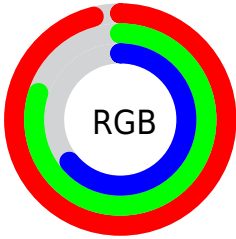
Format	Color
RYB	242, 246, 162
Decimal	16174498
CIELab	85.00, 8.53, 26.83
CIELCh	85, 28.151, 72.352
Yxy	66.0070, 0.3778, 0.3750
Android (android.graphics.Color)	4294364578 (0xFFFF6CDA2)
YUV	212.3570, -24.8260, 29.5049
Hunter-Lab	81.2447, 3.9272, 25.1194

Details

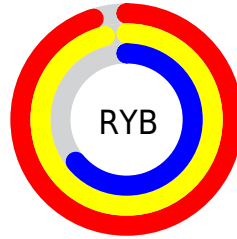
The CIELCh color **85, 28.151, 72.352** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **80, 25.745, 262.363**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 19.210, 108.724**, and **65, 28.074, 72.859** is the 20% darker color. If you saturate the color by 10%, you get **82, 37.224, 71.054**, and if you desaturate by 10%, it is **88, 19.451, 73.645**.

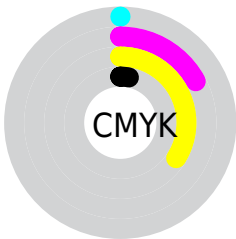
Distribution



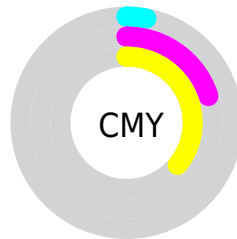
- Red (96%)
- Green (80%)
- Blue (64%)



- Red (95%)
- Yellow (96%)
- Blue (64%)



- Cyan (0%)
- Magenta (17%)
- Yellow (34%)
- Black (3%)



- Cyan (3%)
- Magenta (20%)
- Yellow (36%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 28.151, 72.352 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, 28.151, 72.352 by changing the saturation by 10% instead.

 85, 28.151, 72.352

 85, 28.151, 72.352

 100, 28.151,
72.352

 75, 28.151, 72.352

 65, 28.151, 72.352

 55, 28.151, 72.352

 45, 28.151, 72.352

 35, 28.151, 72.352

 25, 28.151, 72.352

 15, 28.151, 72.352

 5, 28.151, 72.352

 0, 28.151, 72.352

85, 28.151, 72.352

85, 28.151, 72.352

82, 37.224, 71.054

88, 19.451, 73.645

78, 46.610, 69.726

92, 11.131, 74.905

75, 56.144, 68.345

95, 3.173, 76.063

72, 65.463, 66.833

99, 2.586, 219.368

70, 73.856, 65.015

99, 3.040, 199.430

67, 80.202, 62.576

65, 82.900, 60.855

Harmonies

Complementary

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



85, 28.151, 72.352



80, 25.745, 262.363

Rectangle

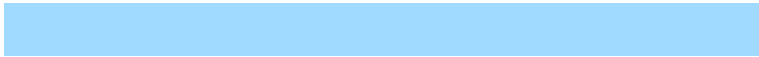
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85, 28.151, 72.352



85, 28.151, 122.352



85, 28.151, 252.352



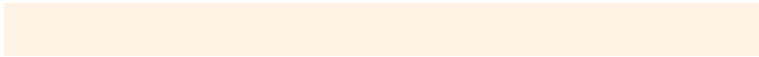
85, 28.151, 302.352

Sweetspot

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



85, 28.151, 72.359



96, 8.032, 75.406



76, 37.903, 346.948



51, 5.498, 75.236



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, 28.151, 72.359



85, 35.349, 71.454



95, 42.295, 106.860



49, 4.411, 75.471



50, 66.978, 61.563



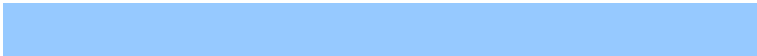
15, 24.637, 62.684

Inverse Universe

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



80, 25.745, 262.363



79, 31.679, 263.979



70, 46.089, 294.583



49, 4.321, 258.013



40, 58.416, 285.247



10, 22.644, 278.059

Previews

White Background



This preview shows how the CIELCh color 85, 28.151, 72.352 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 85, 28.151, 72.352 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, 28.151, 72.352

Background



This preview shows how black text looks on a background with the CIELCh color 85, 28.151, 72.352.



This preview shows how white text looks on a background with the CIELCh color 85, 28.151, 72.352.

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, 28.151, 72.352

Protanopia

85, 25.247, 94.456

Deuteranopia

85, 29.062, 68.633



Tritanopia
85, 21.610, 358.441

Trichromacy



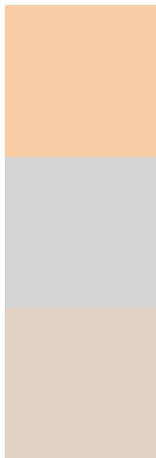
Original Color
85, 28.151, 72.352

Protanomaly
85, 25.931, 86.466

Deuteranomaly
85, 28.791, 69.240

Tritanomaly
85, 19.052, 30.189

Monochromacy



Original Color
85, 28.151, 72.352

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 9.674, 73.745

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 28.151, 72.352 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(246, 205, 162)` looks like.

```
.text, #text, p{  
    color:rgb(246, 205, 162)  
}
```

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(246, 205, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 205, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 28.151, 72.352 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(246, 205, 162) }
```

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

```
.border{ border-color:rgb(246, 205, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 205, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 205, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 205, 162);  
box-shadow:4px 4px 4px 4px rgb(246, 205,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 28.151, 72.352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 205, 162) }
```

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

```
.background{ background-color: rgb(246,  
205, 162) }
```

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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