

Converting Colors

CIELCh(85, 33.659, 69.715)

Have a look what the booklet for
CIELCh(85, 33.659, 69.715) contains.

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Color

CIELCh(85, 33.856, 69.902)

Conversions

Conversions Part 1

Format	Color
Hex	FECB99
RGB	254, 203, 153
RGB Percent	100%, 80%, 60%
CMY	0.0044, 0.2043, 0.4004
CMYK	0.00, 0.20, 0.40, 0.00
HSL	30°, 98%, 80%
HSV	30°, 40%, 100%
XYZ	67.9030, 66.0070, 39.2540
YIQ	212.5490, 46.4460, -4.7380

Conversions

Conversions Part 2

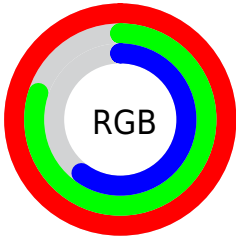
Format	Color
R _Y B	254, 252, 153
Decimal	16698265
CIE Lab	85.00, 11.63, 31.79
CIE LCh	85, 33.856, 69.902
Yxy	66.0070, 0.3921, 0.3812
Android (android.graphics.Color)	4294888345 (0xFFFE CB99)
YUV	212.5490, -29.3577, 36.3525
Hunter-Lab	81.2447, 7.0091, 28.2249

Details

The CIELCh color $85, 33.856, 69.902$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $80, 30.075, 261.815$, and the grayscale version is $85, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 23.732, 108.378$, and $65, 34.172, 69.906$ is the 20% darker color. If you saturate the color by 10%, you get $82, 43.368, 68.632$, and if you desaturate by 10%, it is $89, 24.734, 71.172$.

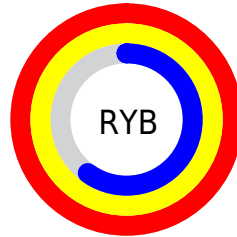
Distribution



Red (100%)

Green (80%)

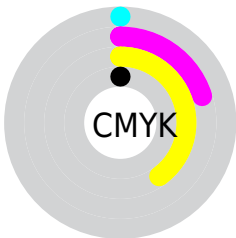
Blue (60%)



Red (100%)

Yellow (99%)

Blue (60%)

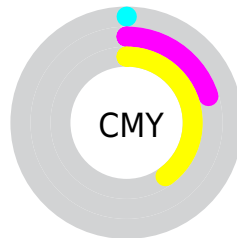


Cyan (0%)

Magenta (20%)

Yellow (40%)

Black (0%)



Cyan (0%)

Magenta (20%)

Yellow (40%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 33.856, 69.902 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, 33.856, 69.902 by changing the saturation by 10% instead.

 85, 33.856, 69.902

 85, 33.856, 69.902

 100, 33.856,
69.902

 75, 33.856, 69.902

 65, 33.856, 69.902

 55, 33.856, 69.902

 45, 33.856, 69.902

 35, 33.856, 69.902

 25, 33.856, 69.902

 15, 33.856, 69.902

 5, 33.856, 69.902

 0, 33.856, 69.902

85, 33.856, 69.902

85, 33.856, 69.902

82, 43.368, 68.632

89, 24.734, 71.172

78, 53.163, 67.327

92, 16.031, 72.422

75, 62.983, 65.940

96, 7.735, 73.637

72, 72.278, 64.340

100, 0.182,
257.366

69, 80.054, 62.263

100, 0.387,
201.093

66, 85.381, 59.454

66, 85.494, 59.393

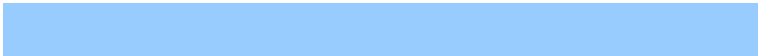
Harmonies

Complementary

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



85, 33.856, 69.902



80, 30.075, 261.815

Rectangle

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



85, 33.856, 69.902



85, 33.856, 119.902



85, 33.856, 249.902



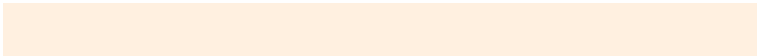
85, 33.856, 299.902

Sweetspot

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



85, 33.856, 69.908



95, 9.579, 73.373



75, 45.662, 346.683



50, 6.374, 73.215



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, 33.856, 69.908



82, 41.802, 68.858



97, 49.501, 105.586



51, 4.511, 73.669



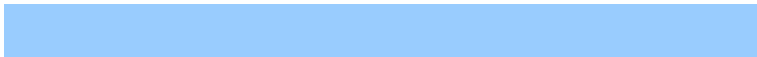
51, 68.832, 60.094



16, 27.014, 61.341

Inverse Universe

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



80, 30.075, 261.815



77, 36.146, 263.954



67, 54.760, 294.973



51, 4.408, 256.194



42, 57.741, 283.705



12, 23.525, 277.112

Previews

White Background



This preview shows how the CIELCh color 85, 33.856, 69.902 looks on a white background.

Color Contrast Check

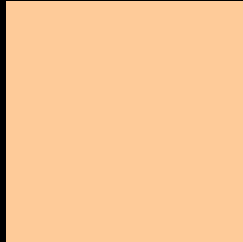
Large Text (above 18pt) WCAG AA × Fail

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, 33.856, 69.902 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, 33.856, 69.902

Background



This preview shows how black text looks on a background with the CIELCh color 85, 33.856, 69.902.



This preview shows how white text looks on a background with the CIELCh color 85, 33.856, 69.902.

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, 33.856, 69.902

Protanopia

85, 29.378, 95.095

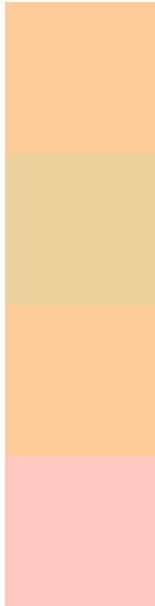
Deuteranopia

85, 33.463, 72.005



Tritanopia
85, 22.742, 2.557

Trichromacy



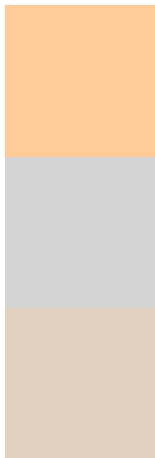
Original Color
85, 33.856, 69.902

Protanomaly
85, 29.995, 85.645

Deuteranomaly
85, 33.721, 71.453

Tritanomaly
85, 22.250, 33.096

Monochromacy



Original Color
85, 33.856, 69.902

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 11.659, 73.437

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 33.856, 69.902 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, 153)` looks like.

```
.text, #text, p{  
    color:rgb(254, 203, 153)  
}
```

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, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 203, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 33.856, 69.902 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, 153) }
```

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

```
.border{ border-color:rgb(254, 203, 153) }
```

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, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(254, 203, 153); -webkit-box-shadow:4px 4px 4px 4px rgb(254, 203, 153); box-shadow:4px 4px 4px 4px rgb(254, 203, 153) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 33.856, 69.902 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, 153) }
```

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

```
.background{ background-color: rgb(254,  
203, 153) }
```

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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