

Converting Colors

CIELCh(78, 33.839, 85.461)

Have a look what the booklet for
CIELCh(78, 33.839, 85.461) contains.

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Color

CIELCh(78, 33.865, 85.491)

Conversions

Conversions Part 1

Format	Color
Hex	DBBD82
RGB	219, 189, 130
RGB Percent	86%, 74%, 51%
CMY	0.1402, 0.2579, 0.4893
CMYK	0.00, 0.14, 0.41, 0.14
HSL	40°, 55%, 69%
HSV	40°, 41%, 86%
XYZ	51.5800, 53.2120, 28.7501
YIQ	191.2440, 36.8190, -11.9890

Conversions

Conversions Part 2

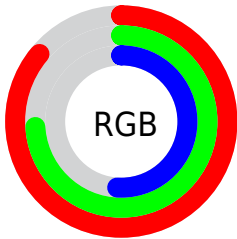
Format	Color
RYB	175, 219, 130
Decimal	14400898
CIELab	78.00, 2.66, 33.76
CIELCh	78, 33.865, 85.491
Yxy	53.2120, 0.3862, 0.3985
Android (android.graphics.Color)	4292590978 (0xFFDBBD82)
YUV	191.2440, -30.1933, 24.3420
Hunter-Lab	72.9466, -1.4405, 27.6949

Details

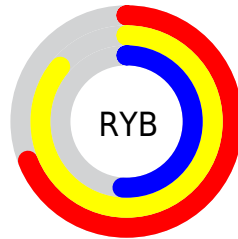
The CIELCh color **78, 33.865, 85.491** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **66, 33.560, 277.720**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 31.178, 100.633**, and **58, 33.655, 85.875** is the 20% darker color. If you saturate the color by 10%, you get **76, 42.468, 84.082**, and if you desaturate by 10%, it is **80, 25.299, 86.867**.

Distribution



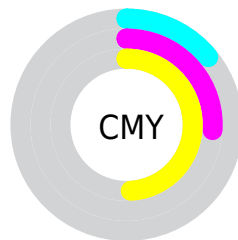
- Red (86%)
- Green (74%)
- Blue (51%)



- Red (69%)
- Yellow (86%)
- Blue (51%)



- Cyan (0%)
- Magenta (14%)
- Yellow (41%)
- Black (14%)



- Cyan (14%)
- Magenta (26%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 33.865, 85.491 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 78, 33.865, 85.491 by changing the saturation by 10% instead.

■ 78, 33.865, 85.491

■ 78, 33.865, 85.491

■ 100, 33.865,
85.491

■ 68, 33.865, 85.491

■ 98, 33.865, 85.491

■ 58, 33.865, 85.491

■ 48, 33.865, 85.491

■ 38, 33.865, 85.491

■ 28, 33.865, 85.491

■ 18, 33.865, 85.491

■ 8, 33.865, 85.491

■ 0, 33.865, 85.491

■ 78, 33.865, 85.491

■ 78, 33.865, 85.491

76, 42.468, 84.082

80, 25.299, 86.867

74, 50.926, 82.611

83, 16.856, 88.196

72, 58.906, 81.047

85, 8.577, 89.473

70, 65.832, 79.310

87, 0.474, 90.200

68, 70.881, 77.249

90, 7.454, 271.986

66, 73.612, 74.933

92, 11.972,
267.327

94, 10.147,
244.642

96, 10.298,
218.242

98, 12.047,
198.701

Harmonies

Complementary

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



78, 33.865, 85.491



66, 33.560, 277.720

Rectangle

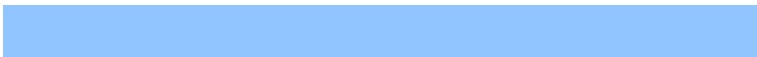
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78, 33.865, 85.491



78, 33.865, 135.491



78, 33.865, 265.491



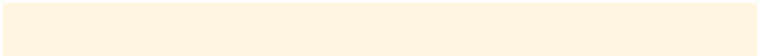
78, 33.865, 315.491

Sweetspot

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



78, 33.866, 85.496



97, 10.991, 89.286



65, 38.163, 357.393



51, 7.302, 89.120



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



78, 33.866, 85.496



87, 46.459, 84.252



85, 45.859, 113.042



45, 4.586, 89.618



53, 61.804, 75.436



13, 19.447, 78.200

Inverse Universe

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



66, 33.560, 277.720



71, 46.128, 279.881



59, 50.698, 300.108



43, 4.583, 272.094



30, 72.465, 296.217



5, 22.542, 285.220

Previews

White Background



This preview shows how the CIELCh color 78, 33.865, 85.491 looks on a white background.

Color Contrast Check

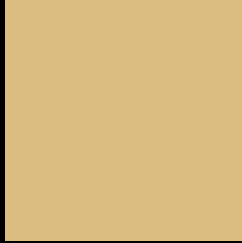
Large Text (above 18pt) WCAG AA × Fail

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 78, 33.865, 85.491 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 78, 33.865, 85.491

Background



This preview shows how black text looks on a background with the CIELCh color 78, 33.865, 85.491.



This preview shows how white text looks on a background with the CIELCh color 78, 33.865, 85.491.

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](#).

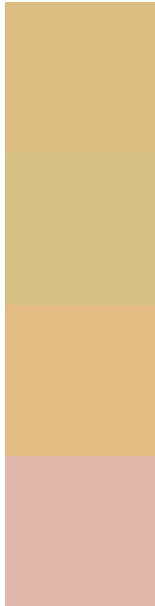
Dichromacy





Tritanopia
78, 18.449, 357.208

Trichromacy



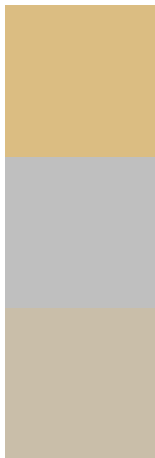
Original Color
78, 33.865, 85.491

Protanomaly
78, 33.479, 92.047

Deuteranomaly
78, 34.446, 78.236

Tritanomaly
78, 17.282, 43.997

Monochromacy



Original Color
78, 33.865, 85.491

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 11.997, 88.265

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 33.865, 85.491 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(219, 189, 130)` looks like.

```
.text, #text, p{  
    color:rgb(219, 189, 130)  
}
```

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(219, 189, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 189, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 33.865, 85.491 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(219, 189, 130) }
```

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

```
.border{ border-color:rgb(219, 189, 130) }
```

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

Here you see how a box with a 4 pixel rgb(219, 189, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 189, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 189, 130);  
box-shadow:4px 4px 4px 4px rgb(219, 189,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 33.865, 85.491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 189, 130) }
```

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

```
.background{ background-color: rgb(219,  
189, 130) }
```

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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