

Converting Colors

CIELCh(86, 21.939, 117.124)

Have a look what the booklet for
CIELCh(86, 21.939, 117.124)
contains.

CIELCh(86, 22.110, 117.271)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(86, 22.110, 117.271)

Conversions

Conversions Part 1

Format	Color
Hex	D3DCB2
RGB	211, 220, 178
RGB Percent	83%, 86%, 70%
CMY	0.1740, 0.1387, 0.3034
CMYK	0.04, 0.00, 0.19, 0.14
HSL	73°, 37%, 78%
HSV	73°, 19%, 86%
XYZ	60.2548, 67.9871, 51.8792
YIQ	212.5210, 8.1180, -14.9700

Conversions

Conversions Part 2

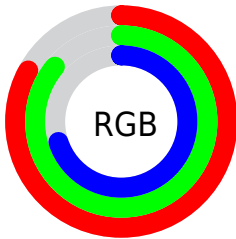
Format	Color
RYB	178, 220, 187
Decimal	13884594
CIELab	86.00, -10.13, 19.65
CIELCh	86, 22.110, 117.271
Yxy	67.9871, 0.3345, 0.3775
Android (android.graphics.Color)	4292074674 (0xFFD3DCB2)
YUV	212.5210, -17.0189, -1.3339
Hunter-Lab	82.4543, -13.8532, 20.4135

Details

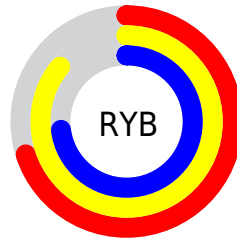
The CIELCh color **86, 22.110, 117.271** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **74, 23.025, 299.976**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 10.630, 109.373**, and **66, 22.206, 117.394** is the 20% darker color. If you saturate the color by 10%, you get **85, 33.518, 116.599**, and if you desaturate by 10%, it is **87, 10.567, 117.950**.

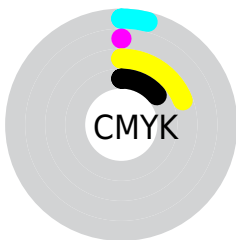
Distribution



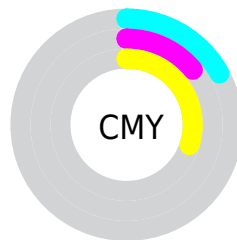
- Red (83%)
- Green (86%)
- Blue (70%)



- Red (70%)
- Yellow (86%)
- Blue (73%)



- Cyan (4%)
- Magenta (0%)
- Yellow (19%)
- Black (14%)





- Cyan (17%)
- Magenta (14%)
- Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 22.110, 117.271 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 86, 22.110, 117.271 by changing the saturation by 10% instead.


 86, 22.110,
117.271


 86, 22.110,
117.271


 100, 22.110,
117.271


 76, 22.110,
117.271

 66, 22.110,
117.271

 56, 22.110,
117.271

 46, 22.110,
117.271

 36, 22.110,
117.271

 26, 22.110,
117.271

 16, 22.110,

117.271

■ 6, 22.110, 117.271

■ 0, 22.110, 117.271

■ 86, 22.110,
117.271

■ 86, 22.110,
117.271

■ 85, 33.518,
116.599

■ 87, 10.567,
117.950

■ 85, 44.659,
115.946

■ 88, 1.034, 298.588

■ 84, 55.347,
115.350

■ 89, 12.632,
299.236

■ 83, 65.297,
114.861

■ 89, 18.797,
301.867

■ 83, 74.104,

■ 90, 19.156,
306.621

114.552

90, 19.640,
311.213

82, 81.251,
114.513

90, 20.242,
315.599

82, 86.234,
114.840

91, 20.955,
319.747

82, 89.008,
115.554

91, 21.769,
323.637

82, 89.215,
115.622

Harmonies

Complementary

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



86, 22.110, 117.271



74, 23.025, 299.976

Rectangle

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



86, 22.110, 117.271



86, 22.110, 167.271



86, 22.110, 297.271



86, 22.110, 347.271

Sweetspot

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



86, 22.112, 117.275



99, 7.847, 118.155



78, 13.800, 39.165



53, 5.206, 118.111



0, 0.000, 0.000



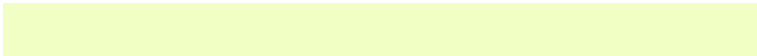
53, 0.007, 296.813

Same Dimension

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



86, 22.112, 117.275



98, 29.979, 116.998



85, 24.620, 134.872



46, 6.570, 117.929



66, 74.725, 115.438



17, 27.066, 115.903

Inverse Universe

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



74, 23.025, 299.976



82, 31.509, 300.334



76, 24.979, 316.540



42, 6.706, 299.203



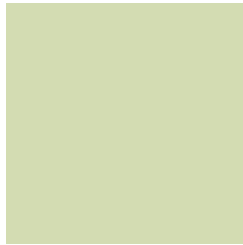
22, 98.478, 307.418



2, 29.953, 300.151

Previews

White Background



This preview shows how the CIELCh color 86, 22.110, 117.271 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 86, 22.110, 117.271 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

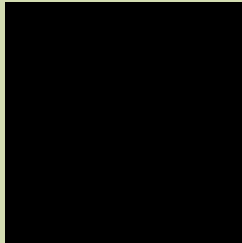
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

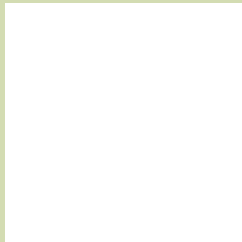
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 22.110, 117.271

Background



This preview shows how black text looks on a background with the CIELCh color 86, 22.110, 117.271.



This preview shows how white text looks on a background with the CIELCh color 86, 22.110, 117.271.

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
86, 22.110, 117.271

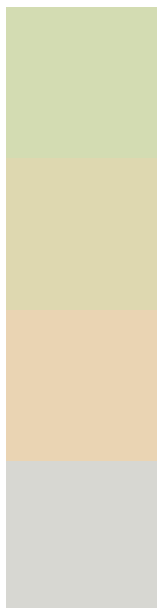
Protanopia
86, 21.069, 93.418

Deuteranopia
86, 21.551, 60.771



Tritanopia
86, 8.614, 302.665

Trichromacy



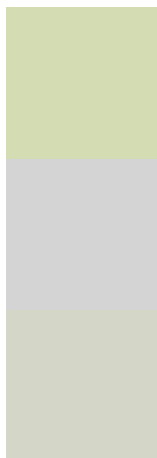
Original Color
86, 22.110, 117.271

Protanomaly
86, 20.958, 102.026

Deuteranomaly
86, 19.288, 82.346

Tritanomaly
86, 2.609, 109.930

Monochromacy



Original Color
86, 22.110, 117.271

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 7.933, 117.526

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 22.110, 117.271 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(211, 220, 178)` looks like.

```
.text, #text, p{  
    color:rgb(211, 220, 178)  
}
```

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(211, 220, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 220, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 22.110, 117.271 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(211, 220, 178) }
```

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

```
.border{ border-color:rgb(211, 220, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 220, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 220, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 220, 178);  
box-shadow:4px 4px 4px 4px rgb(211, 220,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 22.110, 117.271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 220, 178) }
```

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

```
.background{ background-color: rgb(211,  
220, 178) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor