

Converting Colors

CIELCh(87, 17.185, 115.631)

Have a look what the booklet for
CIELCh(87, 17.185, 115.631)
contains.

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Color

CIELCh(87, 17.264, 115.008)

Conversions

Conversions Part 1

Format	Color
Hex	D8DDBC
RGB	216, 221, 188
RGB Percent	85%, 87%, 74%
CMY	0.1526, 0.1330, 0.2624
CMYK	0.02, 0.00, 0.15, 0.13
HSL	69°, 33%, 80%
HSV	69°, 15%, 87%
XYZ	63.3112, 70.0064, 57.8014
YIQ	215.7430, 7.6130, -11.3230

Conversions

Conversions Part 2

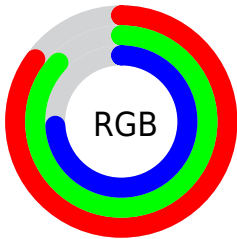
Format	Color
RYB	188, 221, 193
Decimal	14212540
CIELab	87.00, -7.30, 15.65
CIELCh	87, 17.264, 115.008
Yxy	70.0064, 0.3313, 0.3663
Android (android.graphics.Color)	4292402620 (0xFFD8DDBC)
YUV	215.7430, -13.6773, 0.2254
Hunter-Lab	83.6698, -11.3551, 17.6097

Details

The CIELCh color **87, 17.264, 115.008** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **78, 17.843, 297.340**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 5.566, 109.748**, and **67, 17.104, 115.157** is the 20% darker color. If you saturate the color by 10%, you get **86, 28.718, 114.259**, and if you desaturate by 10%, it is **88, 5.705, 115.759**.

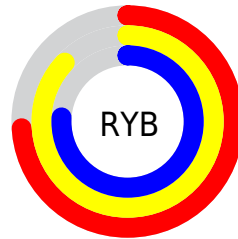
Distribution



Red (85%)

Green (87%)

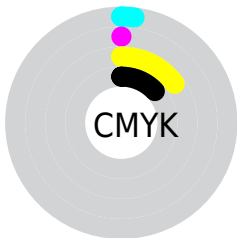
Blue (74%)



Red (74%)

Yellow (87%)

Blue (76%)

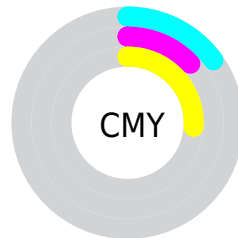


Cyan (2%)

Magenta (0%)

Yellow (15%)

Black (13%)



Cyan (15%)

Magenta (13%)


Yellow (26%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 17.264, 115.008 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 87, 17.264, 115.008 by changing the saturation by 10% instead.

 87, 17.264,
115.008

 87, 17.264,
115.008

 100, 17.264,
115.008

 77, 17.264,
115.008

 67, 17.264,
115.008

 57, 17.264,
115.008

 47, 17.264,
115.008

 37, 17.264,
115.008

 27, 17.264,
115.008

 17, 17.264,

115.008

■ 7, 17.264, 115.008

■ 0, 17.264, 115.008

■ 87, 17.264,
115.008

■ 87, 17.264,
115.008

■ 86, 28.718,
114.259

■ 88, 5.705, 115.759

■ 86, 39.955,
113.518

■ 89, 5.895, 296.488

■ 85, 50.817,
112.815

■ 89, 17.484,
297.185

■ 85, 61.060,
112.193

■ 90, 17.943,
300.728

■ 84, 70.324,

■ 90, 18.167,
304.298

111.705

90, 18.459,
307.791

84, 78.123,
111.426

91, 18.816,
311.187

84, 83.915,
111.437

91, 19.236,
314.466

83, 87.328,
111.804

91, 19.716,
317.616

83, 88.401,
112.088

Harmonies

Complementary

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



87, 17.264, 115.008



78, 17.843, 297.340

Rectangle

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



87, 17.264, 115.008



87, 17.264, 165.008



87, 17.264, 295.008



87, 17.264, 345.008

Sweetspot

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



87, 17.266, 115.013



100, 5.197, 115.824



80, 11.000, 33.908



53, 3.694, 115.769



0, 0.000, 0.000



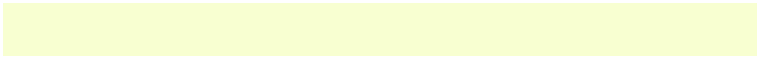
53, 0.007, 296.813

Same Dimension

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



87, 17.266, 115.013



98, 23.350, 114.771



86, 19.036, 133.489



46, 6.529, 115.425



67, 73.703, 111.946



17, 26.772, 112.602

Inverse Universe

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



78, 17.843, 297.340



86, 24.307, 297.641



79, 19.299, 314.750



42, 6.670, 296.859



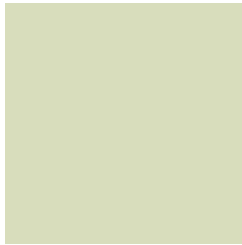
21, 99.205, 306.924



2, 29.824, 298.631

Previews

White Background



This preview shows how the CIELCh color 87, 17.264, 115.008 looks on a white background.

Color Contrast Check

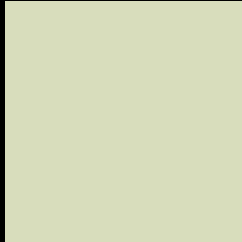
Large Text (above 18pt) WCAG AA × Fail

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 87, 17.264, 115.008 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

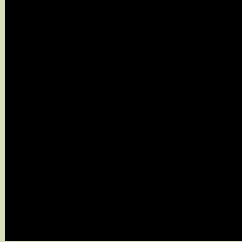
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

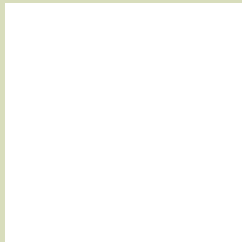
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 87, 17.264, 115.008

Background



This preview shows how black text looks on a background with the CIELCh color 87, 17.264, 115.008.



This preview shows how white text looks on a background with the CIELCh color 87, 17.264, 115.008.

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](#).

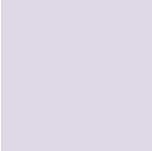
Dichromacy



Original Color
87, 17.264, 115.008

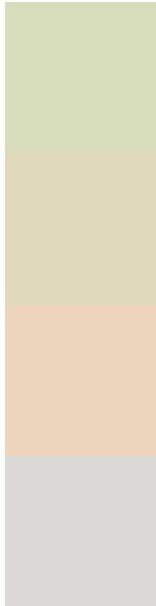
Protanopia
87, 16.784, 92.907

Deuteranopia
87, 18.414, 54.502



Tritanopia
87, 9.280, 306.279

Trichromacy



Original Color
87, 17.264, 115.008

Protanomaly
87, 16.292, 100.740

Deuteranomaly
87, 15.777, 75.064

Tritanomaly
87, 1.195, 44.864

Monochromacy



Original Color
87, 17.264, 115.008

Achromatopsia
86, 0.010, 296.813

Achromatomaly
87, 6.308, 116.312

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 17.264, 115.008 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(216, 221, 188)` looks like.

```
.text, #text, p{  
    color:rgb(216, 221, 188)  
}
```

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(216, 221, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 221, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 17.264, 115.008 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(216, 221, 188) }
```

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

```
.border{ border-color:rgb(216, 221, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 221, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 221, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 221, 188);  
box-shadow:4px 4px 4px 4px rgb(216, 221,  
188) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 17.264, 115.008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 221, 188) }
```

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

```
.background{ background-color: rgb(216,  
221, 188) }
```

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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