

Converting Colors

CIELCh(87, 26.014, 115.766)

Have a look what the booklet for
CIELCh(87, 26.014, 115.766)
contains.

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Color

CIELCh(87, 26.117, 115.629)

Conversions

Conversions Part 1

Format	Color
Hex	D6DFAD
RGB	214, 223, 173
RGB Percent	84%, 87%, 68%
CMY	0.1612, 0.1259, 0.3220
CMYK	0.04, 0.00, 0.22, 0.13
HSL	71°, 44%, 78%
HSV	71°, 22%, 87%
XYZ	61.5879, 70.0064, 49.7462
YIQ	214.6090, 10.6860, -17.4580

Conversions

Conversions Part 2

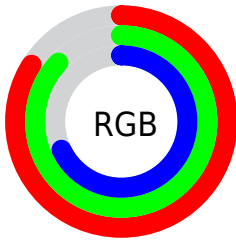
Format	Color
RYB	173, 223, 182
Decimal	14081965
CIELab	87.00, -11.30, 23.55
CIELCh	87, 26.117, 115.629
Yxy	70.0064, 0.3396, 0.3860
Android (android.graphics.Color)	4292272045 (0xFFD6DFAD)
YUV	214.6090, -20.5132, -0.5341
Hunter-Lab	83.6698, -15.0315, 23.3178

Details

The CIELCh color **87, 26.117, 115.629** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **73, 27.442, 299.063**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 13.158, 109.183**, and **67, 26.375, 115.544** is the 20% darker color. If you saturate the color by 10%, you get **86, 37.535, 114.921**, and if you desaturate by 10%, it is **88, 14.521, 116.350**.

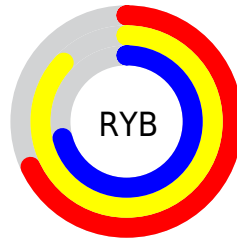
Distribution



Red (84%)

Green (87%)

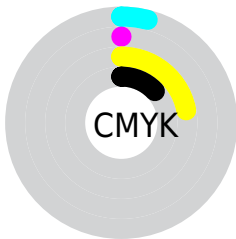
Blue (68%)



Red (68%)

Yellow (87%)

Blue (71%)

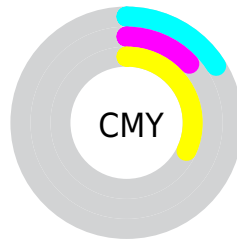


Cyan (4%)

Magenta (0%)

Yellow (22%)

Black (13%)



Cyan (16%)


Magenta (13%)


Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 87, 26.117, 115.629 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, 26.117, 115.629 by changing the saturation by 10% instead.


 87, 26.117,
115.629


 87, 26.117,
115.629


 100, 26.117,
115.629


 77, 26.117,
115.629

 67, 26.117,
115.629

 57, 26.117,
115.629

 47, 26.117,
115.629

 37, 26.117,
115.629

 27, 26.117,
115.629

 17, 26.117,

115.629

■ 7, 26.117, 115.629

■ 0, 26.117, 115.629

■ 87, 26.117,
115.629

■ 87, 26.117,
115.629

■ 86, 37.535,
114.921

■ 88, 14.521,
116.350

■ 86, 48.622,
114.241

■ 89, 2.836, 117.058

■ 85, 59.161,
113.632

■ 89, 8.869, 297.739

■ 85, 68.822,
113.147

■ 90, 16.920,
299.643

■ 84, 77.147,

■ 91, 17.178,
304.180

112.861

91, 17.539,
308.592

84, 83.592,
112.861

91, 17.998,
312.836

84, 87.709,
113.229

91, 18.550,
316.880

83, 89.475,
113.725

92, 19.188,
320.702

Harmonies

Complementary

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



87, 26.117, 115.629



73, 27.442, 299.063

Rectangle

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



87, 26.117, 115.629



87, 26.117, 165.629



87, 26.117, 295.629



87, 26.117, 345.629

Sweetspot

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



87, 26.119, 115.632



99, 9.123, 116.733



77, 16.971, 35.746



53, 5.928, 116.690



0, 0.000, 0.000



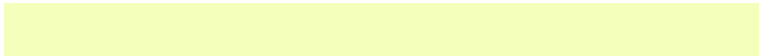
53, 0.007, 296.813

Same Dimension

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



87, 26.119, 115.632



98, 34.977, 115.291



85, 28.961, 133.655



47, 6.671, 116.563



67, 74.940, 113.566



18, 28.334, 113.765

Inverse Universe

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



73, 27.442, 299.063



79, 37.185, 299.536



75, 29.521, 315.623



43, 6.813, 297.926



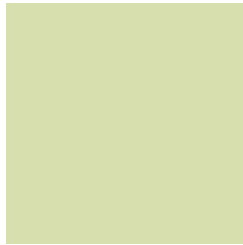
22, 99.985, 307.120



2, 31.963, 300.172

Previews

White Background



This preview shows how the CIELCh color 87, 26.117, 115.629 looks on a white background.

Color Contrast Check

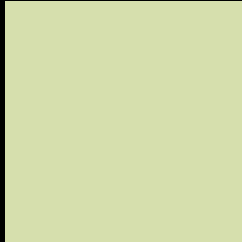
Large Text (above 18pt) WCAG AA × Fail

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, 26.117, 115.629 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

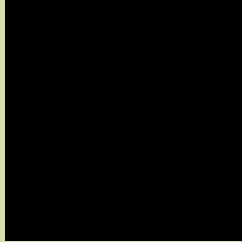
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

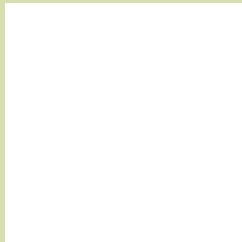
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 87, 26.117, 115.629

Background



This preview shows how black text looks on a background with the CIELCh color 87, 26.117, 115.629.



This preview shows how white text looks on a background with the CIELCh color 87, 26.117, 115.629.

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](#).

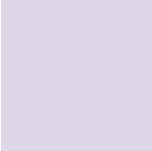
Dichromacy



Original Color
87, 26.117, 115.629

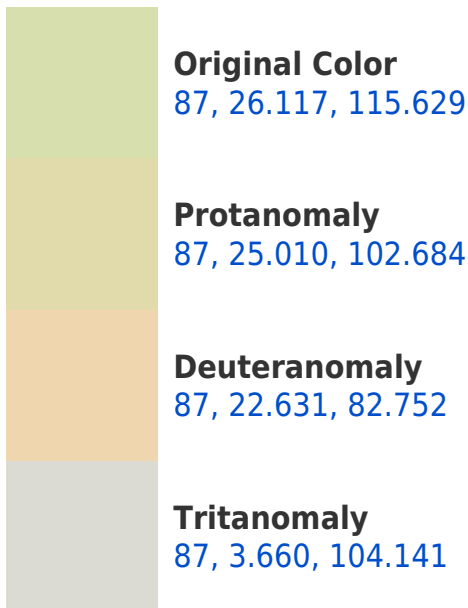
Protanopia
87, 25.138, 94.525

Deuteranopia
87, 24.684, 63.954

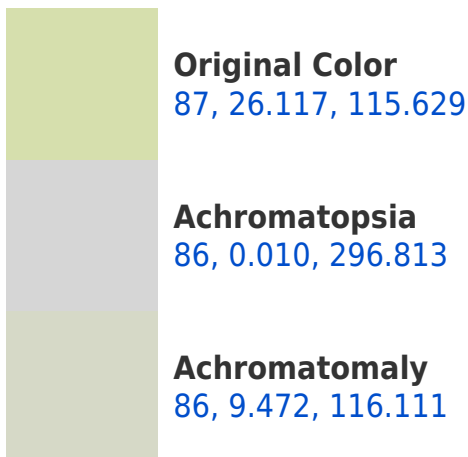


Tritanopia
87, 9.280, 306.279

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 26.117, 115.629 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(214, 223, 173)` looks like.

```
.text, #text, p{  
    color:rgb(214, 223, 173)  
}
```

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(214, 223, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 223, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 26.117, 115.629 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(214, 223, 173) }
```

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

```
.border{ border-color:rgb(214, 223, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 223, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(214, 223, 173); -webkit-box-shadow:4px 4px 4px 4px rgb(214, 223, 173); box-shadow:4px 4px 4px 4px rgb(214, 223, 173) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 26.117, 115.629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 223, 173) }
```

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

```
.background{ background-color: rgb(214,  
223, 173) }
```

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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