

Converting Colors

CIELCh(86, 13.288, 102.281)

Have a look what the booklet for
CIELCh(86, 13.288, 102.281)
contains.

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Color

CIELCh(86, 13.126, 102.455)

Conversions

Conversions Part 1

Format	Color
Hex	DCD8BF
RGB	220, 216, 191
RGB Percent	86%, 85%, 75%
CMY	0.1378, 0.1535, 0.2515
CMYK	0.00, 0.02, 0.13, 0.14
HSL	52°, 29%, 81%
HSV	52°, 13%, 86%
XYZ	63.3795, 67.9871, 58.9919
YIQ	214.3460, 10.4090, -6.9270

Conversions

Conversions Part 2

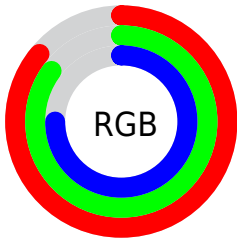
Format	Color
RYB	196, 220, 191
Decimal	14473407
CIELab	86.00, -2.83, 12.82
CIELCh	86, 13.126, 102.455
Yxy	67.9871, 0.3329, 0.3572
Android (android.graphics.Color)	4292663487 (0xFFD8CD8BF)
YUV	214.3460, -11.5096, 4.9586
Hunter-Lab	82.4543, -7.0889, 15.2990

Details

The CIELCh color **86, 13.126, 102.455** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **79, 13.401, 285.461**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 4.046, 109.857**, and **66, 12.766, 101.582** is the 20% darker color. If you saturate the color by 10%, you get **85, 23.101, 101.354**, and if you desaturate by 10%, it is **87, 3.160, 103.518**.

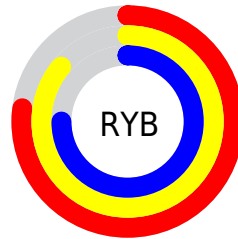
Distribution



Red (86%)

Green (85%)

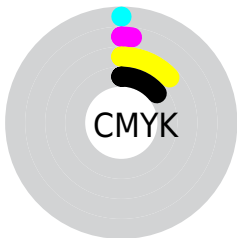
Blue (75%)



Red (77%)

Yellow (86%)

Blue (75%)

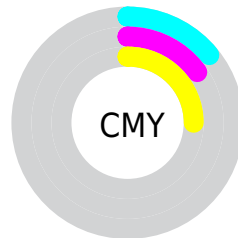


Cyan (0%)

Magenta (2%)

Yellow (13%)

Black (14%)



Cyan (14%)


Magenta (15%)


Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 13.126, 102.455 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, 13.126, 102.455 by changing the saturation by 10% instead.


 86, 13.126,
102.455


 86, 13.126,
102.455


 100, 13.126,
102.455


 76, 13.126,
102.455

 66, 13.126,
102.455

 56, 13.126,
102.455

 46, 13.126,
102.455

 36, 13.126,
102.455

 26, 13.126,
102.455

 16, 13.126,

102.455

■ 6, 13.126, 102.455

■ 0, 13.126, 102.455

■ 86, 13.126,
102.455

■ 86, 13.126,
102.455

■ 85, 23.101,
101.354

■ 87, 3.160, 103.518

■ 84, 33.014,
100.225

■ 89, 6.765, 284.633

■ 82, 42.755, 99.088

■ 90, 15.687,
285.185

■ 81, 52.138, 97.958

■ 91, 14.228,
280.250

■ 80, 60.856, 96.845

■ 91, 12.898,
274.276

■ 79, 68.440, 95.762

■ 92, 11.736,
267.060

■ 79, 74.261, 94.707

■ 93, 10.797,
258.468

■ 78, 77.697, 93.662

■ 77, 78.828, 92.943

■ 94, 10.138,
248.548

■ 95, 9.814, 237.662

Harmonies

Complementary

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



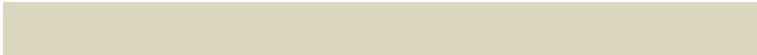
86, 13.126, 102.455



79, 13.401, 285.461

Rectangle

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



86, 13.126, 102.455



86, 13.126, 152.455



86, 13.126, 282.455



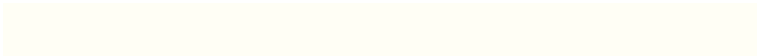
86, 13.126, 332.455

Sweetspot

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



86, 13.128, 102.463



99, 4.475, 103.436



80, 11.114, 8.313



53, 3.182, 103.360



0, 0.000, 0.000



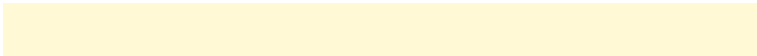
53, 0.007, 296.813

Same Dimension

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



86, 13.128, 102.463



98, 17.971, 102.140



86, 15.603, 122.971



46, 5.634, 102.871



62, 66.115, 93.119



16, 23.125, 95.788

Inverse Universe

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



79, 13.401, 285.461



88, 18.426, 285.851



79, 15.978, 304.401



43, 5.722, 284.989



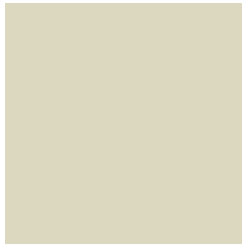
23, 92.665, 304.084



3, 26.789, 291.775

Previews

White Background



This preview shows how the CIELCh color 86, 13.126, 102.455 looks on a white background.

Color Contrast Check

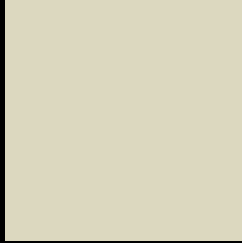
Large Text (above 18pt) WCAG AA × Fail

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, 13.126, 102.455 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

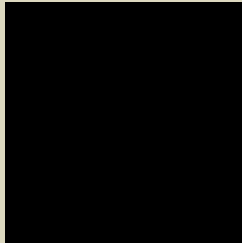
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

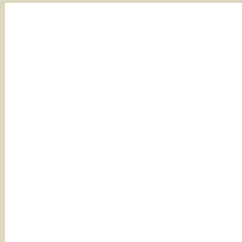
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 13.126, 102.455

Background



This preview shows how black text looks on a background with the CIELCh color 86, 13.126, 102.455.



This preview shows how white text looks on a background with the CIELCh color 86, 13.126, 102.455.

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

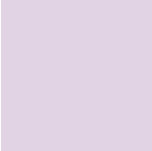
86, 13.126, 102.455

Protanopia

86, 13.209, 90.662

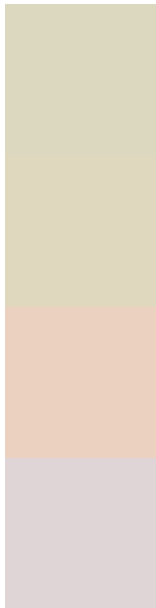
Deuteranopia

86, 16.010, 47.323



Tritanopia
86, 9.818, 321.313

Trichromacy



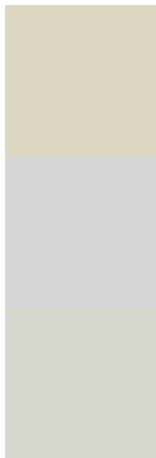
Original Color
86, 13.126, 102.455

Protanomaly
86, 13.391, 95.968

Deuteranomaly
86, 13.430, 64.135

Tritanomaly
86, 3.680, 11.353

Monochromacy



Original Color
86, 13.126, 102.455

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 4.713, 105.303

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 13.126, 102.455 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(220, 216, 191)` looks like.

```
.text, #text, p{  
    color:rgb(220, 216, 191)  
}
```

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(220, 216, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 216, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 13.126, 102.455 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(220, 216, 191) }
```

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

```
.border{ border-color:rgb(220, 216, 191) }
```

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

Here you see how a box with a 4 pixel rgb(220, 216, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 216, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 216, 191);  
box-shadow:4px 4px 4px 4px rgb(220, 216,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 13.126, 102.455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 216, 191) }
```

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

```
.background{ background-color: rgb(220,  
216, 191) }
```

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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