

Converting Colors

CIELCh(86, 2.745, 41.702)

Have a look what the booklet for
CIELCh(86, 2.745, 41.702) contains.

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Color

CIELCh(86, 2.745, 41.748)

Conversions

Conversions Part 1

Format	Color
Hex	DDD6D4
RGB	221, 214, 212
RGB Percent	87%, 84%, 83%
CMY	0.1346, 0.1620, 0.1699
CMYK	0.00, 0.03, 0.04, 0.13
HSL	13°, 12%, 85%
HSV	13°, 4%, 87%
XYZ	65.5269, 67.9871, 71.7422
YIQ	215.8650, 4.8140, 0.8620

Conversions

Conversions Part 2

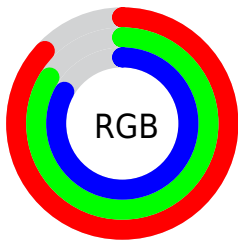
Format	Color
R _Y B	221, 215, 212
Decimal	14538452
CIE Lab	86.00, 2.05, 1.83
CIE LCh	86, 2.745, 41.748
Yxy	67.9871, 0.3192, 0.3312
Android (android.graphics.Color)	4292728532 (0xFFDDD6D4)
YUV	215.8650, -1.9054, 4.5034
Hunter-Lab	82.4543, -2.4399, 6.1307

Details

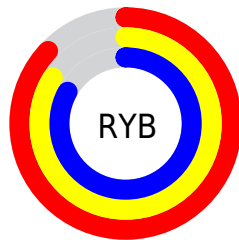
The CIELCh color **86, 2.745, 41.748** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **87, 2.683, 222.493**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **66, 2.910, 41.762** is the 20% darker color. If you saturate the color by 10%, you get **81, 9.870, 41.688**, and if you desaturate by 10%, it is **91, 3.841, 222.496**.

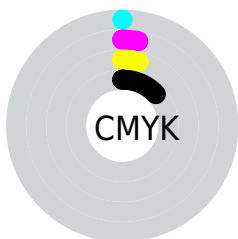
Distribution



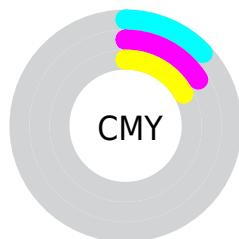
- Red (87%)
- Green (84%)
- Blue (83%)



- Red (87%)
- Yellow (84%)
- Blue (83%)



- Cyan (0%)
- Magenta (3%)
- Yellow (4%)
- Black (13%)



- Cyan (13%)
- Magenta (16%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 2.745, 41.748 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, 2.745, 41.748 by changing the saturation by 10% instead.



86, 2.745, 41.748

86, 2.745, 41.748

81, 9.870, 41.688

91, 3.841, 222.496

76, 17.592, 41.552

96, 9.807, 220.494

72, 25.957, 41.533

98, 11.584,
198.732

67, 34.988, 41.675

63, 44.667, 42.011

59, 54.896, 42.554

56, 65.423, 43.258

53, 75.666, 43.932

50, 84.351, 44.075

Harmonies

Complementary

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



86, 2.745, 41.748



87, 2.683, 222.493

Rectangle

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



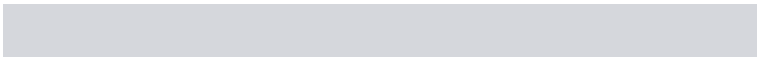
86, 2.745, 41.748



86, 2.745, 91.748



86, 2.745, 221.748



86, 2.745, 271.748

Sweetspot

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



86, 2.744, 41.798



99, 0.745, 41.240



86, 4.951, 331.305



53, 0.424, 41.197



0, 0.000, 0.000



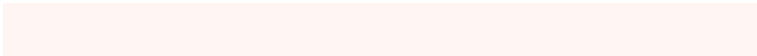
53, 0.007, 296.813

Same Dimension

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



86, 2.744, 41.798



97, 3.799, 41.810



87, 3.474, 94.367



45, 2.296, 41.811



38, 73.468, 44.366



7, 20.651, 32.793

Inverse Universe

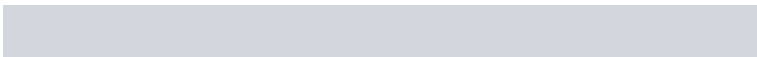
The Inverse Universe completely reimagines the original color for something new.



87, 2.683, 222.493



98, 3.691, 222.490



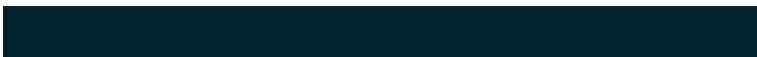
86, 3.497, 275.479



45, 2.221, 222.496



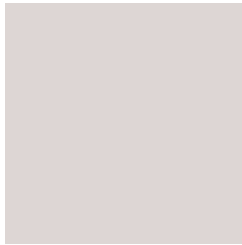
52, 33.358, 240.250



12, 13.132, 231.955

Previews

White Background



This preview shows how the CIELCh color 86, 2.745, 41.748 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 86, 2.745, 41.748 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

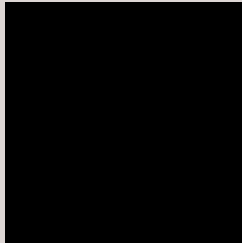
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

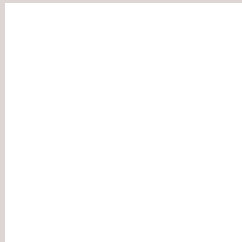
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 2.745, 41.748

Background



This preview shows how black text looks on a background with the CIELCh color 86, 2.745, 41.748.

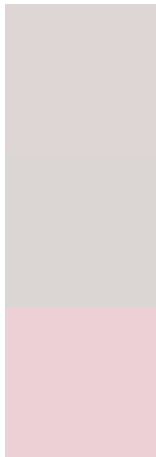


This preview shows how white text looks on a background with the CIELCh color 86, 2.745, 41.748.

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

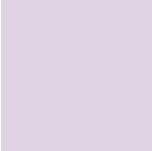
86, 2.745, 41.748

Protanopia

86, 2.085, 49.337

Deuteranopia

86, 10.996, 6.482



Tritanopia
86, 9.943, 316.211

Trichromacy



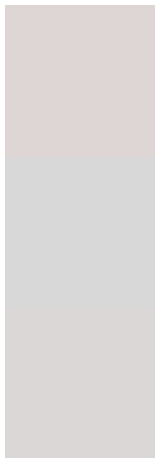
Original Color
86, 2.745, 41.748

Protanomaly
86, 2.409, 45.023

Deuteranomaly
86, 7.865, 8.441

Tritanomaly
86, 6.394, 324.645

Monochromacy



Original Color
86, 2.745, 41.748

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 1.197, 44.867

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 2.745, 41.748 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(221, 214, 212)` looks like.

```
.text, #text, p{  
    color:rgb(221, 214, 212)  
}
```

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(221, 214, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 214, 212) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 2.745, 41.748 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(221, 214, 212) }
```

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

```
.border{ border-color:rgb(221, 214, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 214, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 214, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 214, 212);  
box-shadow:4px 4px 4px 4px rgb(221, 214,  
212) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 2.745, 41.748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 214, 212) }
```

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

```
.background{ background-color: rgb(221,  
214, 212) }
```

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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