

Converting Colors

CIELCh(86, 1.493, 63.347)

Have a look what the booklet for
CIELCh(86, 1.493, 63.347) contains.

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Color

CIELCh(86, 1.495, 63.347)

Conversions

Conversions Part 1

Format	Color
Hex	DAD7D5
RGB	218, 215, 213
RGB Percent	85%, 84%, 84%
CMY	0.1469, 0.1586, 0.1665
CMYK	0.00, 0.01, 0.02, 0.15
HSL	24°, 6%, 84%
HSV	24°, 2%, 85%
XYZ	64.9159, 67.9871, 72.3519
YIQ	215.6690, 2.4300, 0.0140

Conversions

Conversions Part 2

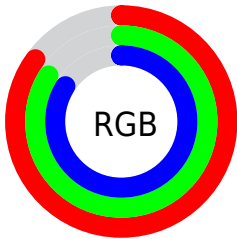
Format	Color
R _Y B	218, 216, 213
Decimal	14342101
CIE Lab	86.00, 0.67, 1.34
CIE LCh	86, 1.495, 63.347
Yxy	67.9871, 0.3163, 0.3312
Android (android.graphics.Color)	4292532181 (0xFFDAD7D5)
YUV	215.6690, -1.3158, 2.0443
Hunter-Lab	82.4543, -3.7628, 5.6923

Details

The CIELCh color **86, 1.495, 63.347** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **86, 1.494, 244.539**, 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, 1.583, 63.351** is the 20% darker color. If you saturate the color by 10%, you get **82, 8.279, 62.679**, and if you desaturate by 10%, it is **90, 4.899, 244.871**.

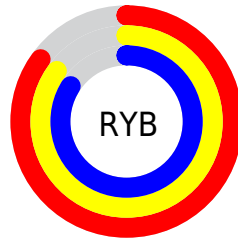
Distribution



Red (85%)

Green (84%)

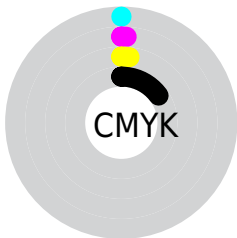
Blue (84%)



Red (85%)

Yellow (85%)

Blue (84%)

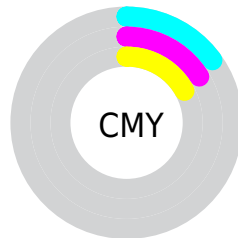


Cyan (0%)

Magenta (1%)

Yellow (2%)

Black (15%)



Cyan (15%)

Magenta (16%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 1.495, 63.347 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, 1.495, 63.347 by changing the saturation by 10% instead.



86, 1.495, 63.347

86, 1.495, 63.347

82, 8.279, 62.679

90, 4.899, 244.871

78, 15.496, 61.702

94, 10.580,
243.649

75, 23.186, 60.736

97, 12.146,
201.941

71, 31.370, 59.804

68, 40.041, 58.912

97, 12.595,
198.665

64, 49.119, 58.046

61, 58.384, 57.145

58, 67.336, 56.050

56, 74.994, 54.423

Harmonies

Complementary

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



86, 1.495, 63.347



86, 1.494, 244.539

Rectangle

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



86, 1.495, 63.347



86, 1.495, 113.347



86, 1.495, 243.347



86, 1.495, 293.347

Sweetspot

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



86, 1.495, 63.439



100, 0.734, 63.160



86, 2.414, 338.639



53, 0.417, 63.127



0, 0.000, 0.000



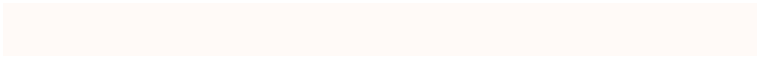
53, 0.007, 296.813

Same Dimension

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



86, 1.495, 63.439



99, 2.229, 63.441



87, 2.346, 105.520



45, 1.497, 63.413



43, 66.901, 53.371



9, 18.699, 48.625

Inverse Universe

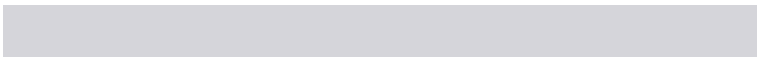
The Inverse Universe completely reimagines the original color for something new.



86, 1.494, 244.539



99, 2.215, 244.542



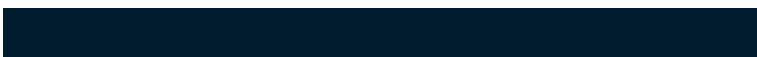
85, 2.375, 286.092



45, 1.482, 244.576



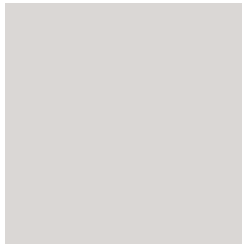
43, 44.029, 272.196



9, 15.499, 261.545

Previews

White Background



This preview shows how the CIELCh color 86, 1.495, 63.347 looks on a white background.

Color Contrast Check

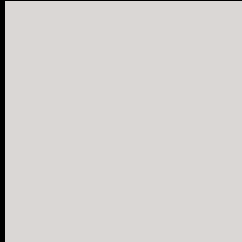
Large Text (above 18pt) WCAG AA × Fail

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, 1.495, 63.347 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

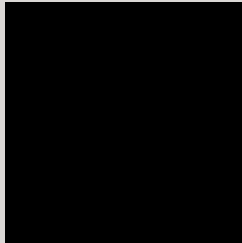
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

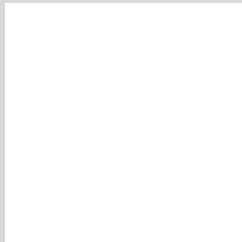
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 1.495, 63.347

Background



This preview shows how black text looks on a background with the CIELCh color 86, 1.495, 63.347.

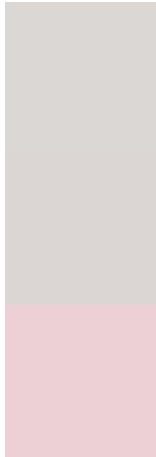


This preview shows how white text looks on a background with the CIELCh color 86, 1.495, 63.347.

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, 1.495, 63.347

Protanopia

86, 2.085, 49.337

Deuteranopia

86, 10.759, 3.262



Tritanopia
86, 9.407, 308.362

Trichromacy



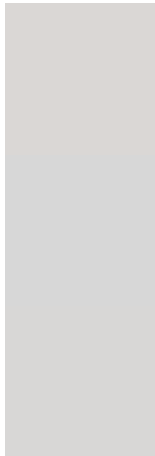
Original Color
86, 1.495, 63.347

Protanomaly
86, 1.777, 55.188

Deuteranomaly
86, 7.140, 7.182

Tritanomaly
86, 5.701, 312.640

Monochromacy



Original Color
86, 1.495, 63.347

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 0.625, 74.685

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 1.495, 63.347 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(218, 215, 213)` looks like.

```
.text, #text, p{  
    color:rgb(218, 215, 213)  
}
```

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(218, 215, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 215, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 1.495, 63.347 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(218, 215, 213) }
```

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

```
.border{ border-color:rgb(218, 215, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 215, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 215, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 215, 213);  
box-shadow:4px 4px 4px 4px rgb(218, 215,  
213) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 1.495, 63.347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 215, 213) }
```

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

```
.background{ background-color: rgb(218,  
215, 213) }
```

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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