

Converting Colors

CIELCh(86, 6.482, 76.031)

Have a look what the booklet for
CIELCh(86, 6.482, 76.031) contains.

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Color

CIELCh(86, 6.630, 79.451)

Conversions

Conversions Part 1

Format	Color
Hex	DFD6CB
RGB	223, 214, 203
RGB Percent	87%, 84%, 80%
CMY	0.1261, 0.1613, 0.2045
CMYK	0.00, 0.04, 0.09, 0.13
HSL	33°, 24%, 83%
HSV	33°, 9%, 87%
XYZ	65.1564, 67.9871, 66.0968
YIQ	215.4370, 8.8950, -1.5130

Conversions

Conversions Part 2

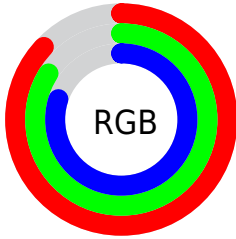
Format	Color
R _Y B	219, 223, 203
Decimal	14669515
CIE Lab	86.00, 1.21, 6.52
CIE LCh	86, 6.630, 79.451
Yxy	67.9871, 0.3270, 0.3412
Android (android.graphics.Color)	4292859595 (0xFFDFD6CB)
YUV	215.4370, -6.1314, 6.6328
Hunter-Lab	82.4543, -3.2421, 10.1901

Details

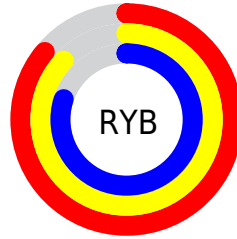
The CIELCh color **86, 6.630, 79.451** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **84, 6.541, 261.902**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **66, 6.551, 76.785** is the 20% darker color. If you saturate the color by 10%, you get **83, 14.299, 78.208**, and if you desaturate by 10%, it is **89, 0.754, 261.254**.

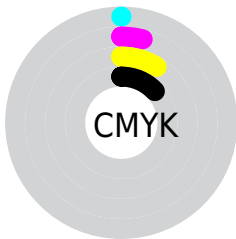
Distribution



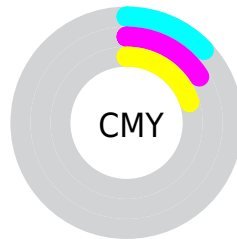
- Red (87%)
- Green (84%)
- Blue (80%)



- Red (86%)
- Yellow (87%)
- Blue (80%)



- Cyan (0%)
- Magenta (4%)
- Yellow (9%)
- Black (13%)



- Cyan (13%)
- Magenta (16%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 6.630, 79.451 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, 6.630, 79.451 by changing the saturation by 10% instead.



86, 6.630, 79.451

86, 6.630, 79.451

83, 14.299, 78.208

89, 0.754, 261.254

80, 22.264, 76.895

92, 7.880, 262.043

77, 30.524, 75.551

95, 9.009, 238.364

74, 39.041, 74.176

98, 10.521,
201.735

71, 47.706, 72.755

98, 10.875,
198.780

69, 56.279, 71.244

66, 64.282, 69.535

64, 70.889, 67.420

62, 75.328, 64.677

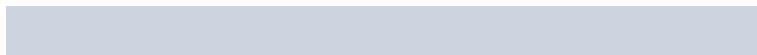
Harmonies

Complementary

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



86, 6.630, 79.451



84, 6.541, 261.902

Rectangle

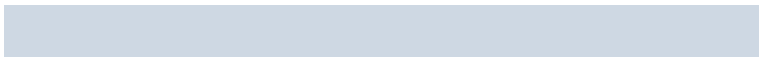
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86, 6.630, 79.451



86, 6.630, 129.451



86, 6.630, 259.451



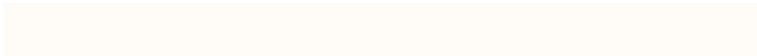
86, 6.630, 309.451

Sweetspot

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



86, 6.631, 79.472



99, 2.440, 80.116



83, 8.733, 347.169



53, 1.854, 80.049



0, 0.000, 0.000



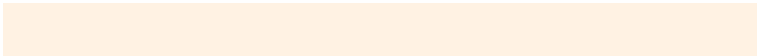
53, 0.007, 296.813

Same Dimension

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



86, 6.631, 79.472



96, 9.106, 79.212



88, 10.393, 111.349



46, 4.224, 79.414



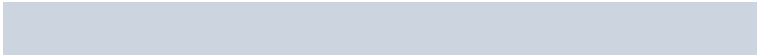
49, 63.365, 65.024



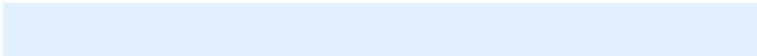
12, 19.763, 65.914

Inverse Universe

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



84, 6.541, 261.902



94, 8.942, 262.199



82, 10.615, 292.995



45, 4.162, 261.968



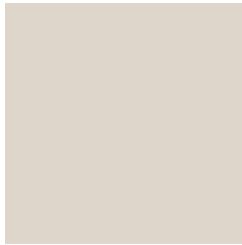
35, 60.108, 288.451



7, 20.580, 279.340

Previews

White Background



This preview shows how the CIELCh color 86, 6.630, 79.451 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, 6.630, 79.451 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

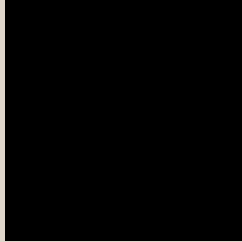
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

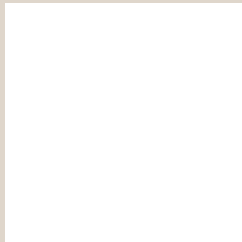
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 6.630, 79.451

Background



This preview shows how black text looks on a background with the CIELCh color 86, 6.630, 79.451.

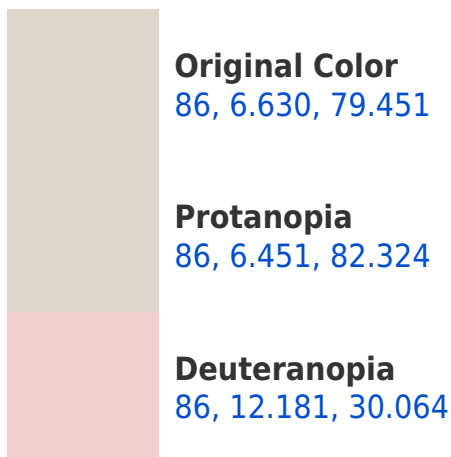


This preview shows how white text looks on a background with the CIELCh color 86, 6.630, 79.451.

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





Tritanopia
86, 10.646, 323.215

Trichromacy



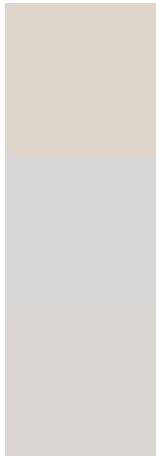
Original Color
86, 6.630, 79.451

Protanomaly
86, 6.451, 82.324

Deuteranomaly
86, 9.493, 39.192

Tritanomaly
86, 6.286, 344.095

Monochromacy



Original Color
86, 6.630, 79.451

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 2.343, 82.194

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 6.630, 79.451 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(223, 214, 203)` looks like.

```
.text, #text, p{  
    color:rgb(223, 214, 203)  
}
```

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(223, 214, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 214, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 6.630, 79.451 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(223, 214, 203) }
```

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

```
.border{ border-color:rgb(223, 214, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 214, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 214, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 214, 203);  
box-shadow:4px 4px 4px 4px rgb(223, 214,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 6.630, 79.451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 214, 203) }
```

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

```
.background{ background-color: rgb(223,  
214, 203) }
```

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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