

Converting Colors

CIELCh(86, 5.922, 60.441)

Have a look what the booklet for
CIELCh(86, 5.922, 60.441) contains.

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Color

CIELCh(86, 6.084, 62.912)

Conversions

Conversions Part 1

Format	Color
Hex	E1D5CD
RGB	225, 213, 205
RGB Percent	88%, 84%, 80%
CMY	0.1177, 0.1648, 0.1962
CMYK	0.00, 0.05, 0.09, 0.12
HSL	24°, 25%, 84%
HSV	24°, 9%, 88%
XYZ	65.8490, 67.9871, 67.3948
YIQ	215.6760, 9.7200, 0.0560

Conversions

Conversions Part 2

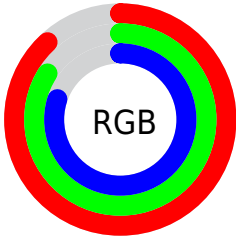
Format	Color
R _Y B	225, 218, 205
Decimal	14800333
CIE Lab	86.00, 2.77, 5.42
CIE LCh	86, 6.084, 62.912
Yxy	67.9871, 0.3272, 0.3379
Android (android.graphics.Color)	4292990413 (0xFFE1D5CD)
YUV	215.6760, -5.2633, 8.1771
Hunter-Lab	82.4543, -1.7428, 9.2568

Details

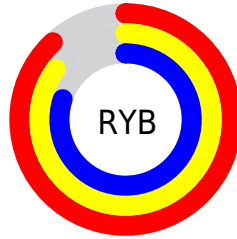
The CIELCh color **86, 6.084, 62.912** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **86, 5.876, 244.989**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **66, 6.091, 58.967** is the 20% darker color. If you saturate the color by 10%, you get **82, 13.345, 61.969**, and if you desaturate by 10%, it is **90, 0.745, 244.687**.

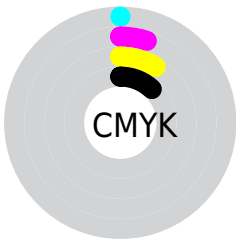
Distribution



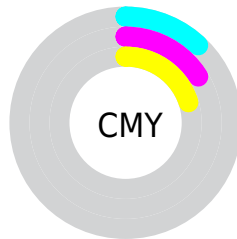
- Red (88%)
- Green (84%)
- Blue (80%)



- Red (88%)
- Yellow (85%)
- Blue (80%)



- Cyan (0%)
- Magenta (5%)
- Yellow (9%)
- Black (12%)



- Cyan (12%)
- Magenta (16%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 6.084, 62.912 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, 6.084, 62.912 by changing the saturation by 10% instead.



86, 6.084, 62.912

86, 6.084, 62.912

82, 13.345, 61.969

90, 0.745, 244.687

78, 21.080, 60.996

94, 7.187, 245.123

75, 29.321, 60.052

98, 9.672, 203.536

71, 38.071, 59.148

98, 10.179,
198.828

67, 47.280, 58.278

64, 56.781, 57.401

61, 66.173, 56.398

58, 74.623, 54.996

56, 81.061, 52.864

Harmonies

Complementary

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



86, 6.084, 62.912



86, 5.876, 244.989

Rectangle

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



86, 6.084, 62.912



86, 6.084, 112.912



86, 6.084, 242.912



86, 6.084, 292.912

Sweetspot

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



86, 6.084, 62.936



99, 2.228, 63.375



84, 9.652, 339.263



52, 1.694, 63.344



0, 0.000, 0.000



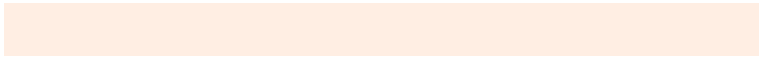
53, 0.007, 296.813

Same Dimension

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



86, 6.084, 62.936



95, 8.391, 62.730



89, 9.367, 104.866



45, 3.885, 62.885



44, 67.672, 53.291



10, 19.999, 49.328

Inverse Universe

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



86, 5.876, 244.989



95, 8.024, 245.243



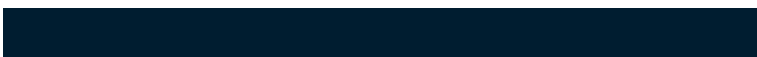
83, 9.525, 286.799



45, 3.742, 245.052



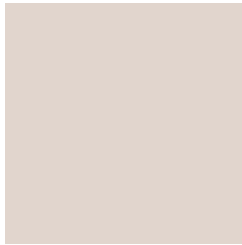
43, 44.497, 272.180



10, 16.130, 262.172

Previews

White Background



This preview shows how the CIELCh color 86, 6.084, 62.912 looks on a white background.

Color Contrast Check

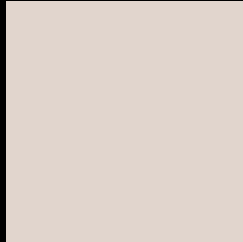
Large Text (above 18pt) WCAG AA × Fail

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, 6.084, 62.912 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

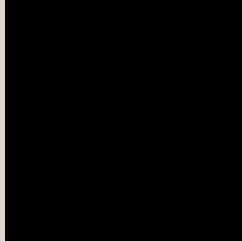
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

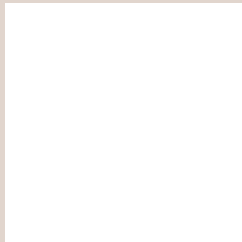
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 6.084, 62.912

Background



This preview shows how black text looks on a background with the CIELCh color 86, 6.084, 62.912.

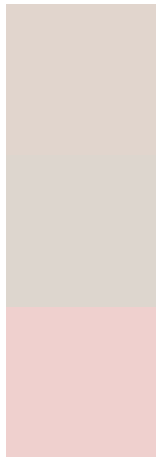


This preview shows how white text looks on a background with the CIELCh color 86, 6.084, 62.912.

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, 6.084, 62.912

Protanopia

86, 4.894, 78.022

Deuteranopia

86, 11.619, 25.350



Tritanopia
86, 10.631, 328.042

Trichromacy



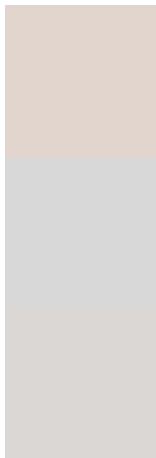
Original Color
86, 6.084, 62.912

Protanomaly
86, 5.097, 74.466

Deuteranomaly
86, 9.168, 33.118

Tritanomaly
86, 6.889, 347.712

Monochromacy



Original Color
86, 6.084, 62.912

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 2.123, 66.752

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 6.084, 62.912 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(225, 213, 205)` looks like.

```
.text, #text, p{  
    color:rgb(225, 213, 205)  
}
```

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(225, 213, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 213, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 6.084, 62.912 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(225, 213, 205) }
```

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

```
.border{ border-color:rgb(225, 213, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 213, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 213, 205); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 213, 205); box-shadow:4px 4px 4px 4px rgb(225, 213, 205) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 6.084, 62.912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 213, 205) }
```

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

```
.background{ background-color: rgb(225,  
213, 205) }
```

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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