

Converting Colors

CIELCh(86, 15.371, 85.557)

Have a look what the booklet for
CIELCh(86, 15.371, 85.557) contains.

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Color

CIELCh(86, 15.391, 85.471)

Conversions

Conversions Part 1

Format	Color
Hex	E5D5BA
RGB	229, 213, 186
RGB Percent	90%, 84%, 73%
CMY	0.1009, 0.1636, 0.2695
CMYK	0.00, 0.07, 0.19, 0.10
HSL	38°, 46%, 81%
HSV	38°, 19%, 90%
XYZ	65.1571, 67.9871, 56.2925
YIQ	214.7060, 18.2030, -5.0050

Conversions

Conversions Part 2

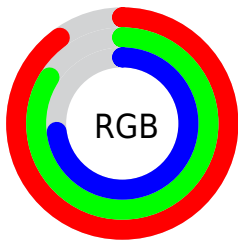
Format	Color
R _Y B	211, 229, 186
Decimal	15062458
CIE Lab	86.00, 1.22, 15.34
CIE LCh	86, 15.391, 85.471
Yxy	67.9871, 0.3440, 0.3589
Android (android.graphics.Color)	4293252538 (0xFFE5D5BA)
YUV	214.7060, -14.1521, 12.5358
Hunter-Lab	82.4543, -3.2407, 17.2400

Details

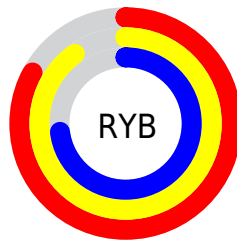
The CIELCh color $86, 15.391, 85.471$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $81, 15.193, 270.622$, and the grayscale version is $86, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 6.580, 109.674$, and $66, 15.130, 84.698$ is the 20% darker color. If you saturate the color by 10%, you get $83, 23.910, 84.143$, and if you desaturate by 10%, it is $89, 7.087, 86.761$.

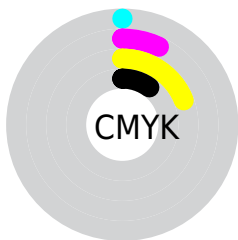
Distribution



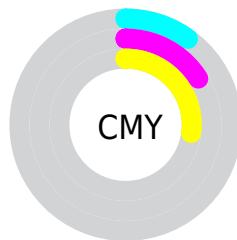
- Red (90%)
- Green (84%)
- Blue (73%)



- Red (83%)
- Yellow (90%)
- Blue (73%)



- Cyan (0%)
- Magenta (7%)
- Yellow (19%)
- Black (10%)



- Cyan (10%)
- Magenta (16%)
- Yellow (27%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 15.391, 85.471 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, 15.391, 85.471 by changing the saturation by 10% instead.

 86, 15.391, 85.471

 86, 15.391, 85.471

 100, 15.391,
85.471

 76, 15.391, 85.471

 66, 15.391, 85.471

 56, 15.391, 85.471

 46, 15.391, 85.471

 36, 15.391, 85.471

 26, 15.391, 85.471

 16, 15.391, 85.471

 6, 15.391, 85.471

 0, 15.391, 85.471

86, 15.391, 85.471

86, 15.391, 85.471

83, 23.910, 84.143

89, 7.087, 86.761

81, 32.617, 82.763

91, 1.002, 268.359

78, 41.446, 81.341

94, 8.860, 269.236

76, 50.247, 79.863

96, 7.223, 231.846

74, 58.726, 78.291

98, 8.760, 198.927

71, 66.351, 76.543

69, 72.285, 74.456

67, 75.818, 71.845

67, 76.205, 71.517

Harmonies

Complementary

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



86, 15.391, 85.471



81, 15.193, 270.622

Rectangle

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



86, 15.391, 85.471



86, 15.391, 135.471



86, 15.391, 265.471



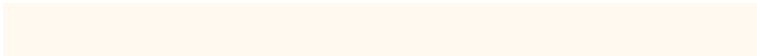
86, 15.391, 315.471

Sweetspot

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



86, 15.392, 85.480



98, 5.270, 87.089



80, 18.202, 352.260



52, 3.499, 87.012



0, 0.000, 0.000



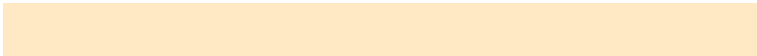
53, 0.007, 296.813

Same Dimension

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



86, 15.392, 85.480



93, 20.692, 84.901



90, 22.257, 113.270



47, 4.604, 86.675



53, 63.162, 72.087



14, 21.623, 74.557

Inverse Universe

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



81, 15.193, 270.622



87, 20.350, 271.370



77, 23.222, 296.452



45, 4.583, 269.206



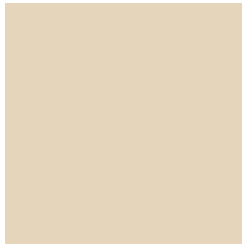
32, 70.036, 294.191



6, 24.241, 285.785

Previews

White Background



This preview shows how the CIELCh color 86, 15.391, 85.471 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, 15.391, 85.471 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

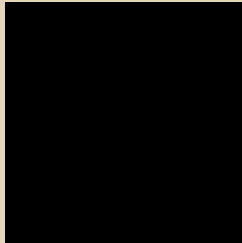
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 15.391, 85.471

Background



This preview shows how black text looks on a background with the CIELCh color 86, 15.391, 85.471.



This preview shows how white text looks on a background with the CIELCh color 86, 15.391, 85.471.

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, 15.391, 85.471

Protanopia

86, 15.097, 94.285

Deuteranopia

86, 18.475, 54.482



Tritanopia
86, 12.616, 338.726

Trichromacy



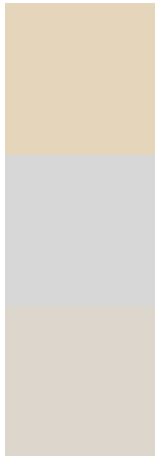
Original Color
86, 15.391, 85.471

Protanomaly
86, 14.949, 89.553

Deuteranomaly
86, 16.668, 63.340

Tritanomaly
86, 8.114, 19.938

Monochromacy



Original Color
86, 15.391, 85.471

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 5.182, 84.500

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 15.391, 85.471 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(229, 213, 186)` looks like.

```
.text, #text, p{  
    color:rgb(229, 213, 186)  
}
```

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(229, 213, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 213, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 15.391, 85.471 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(229, 213, 186) }
```

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

```
.border{ border-color:rgb(229, 213, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 213, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(229, 213, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(229, 213, 186); box-shadow:4px 4px 4px 4px rgb(229, 213, 186) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 15.391, 85.471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 213, 186) }
```

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

```
.background{ background-color: rgb(229,  
213, 186) }
```

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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