

Converting Colors

CIELCh(86, 6.583, 357.032)

Have a look what the booklet for
CIELCh(86, 6.583, 357.032) contains.

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Color

CIELCh(86, 6.737, 356.995)

Conversions

Conversions Part 1

Format	Color
Hex	E4D3D8
RGB	228, 211, 216
RGB Percent	89%, 83%, 85%
CMY	0.1062, 0.1728, 0.1532
CMYK	0.00, 0.07, 0.05, 0.11
HSL	342°, 24%, 86%
HSV	342°, 7%, 89%
XYZ	67.6318, 67.9871, 74.4733
YIQ	216.6530, 8.5270, 5.1590

Conversions

Conversions Part 2

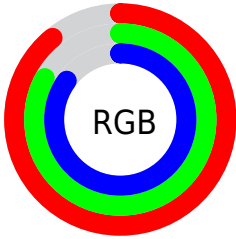
Format	Color
R _Y B	228, 211, 216
Decimal	14996440
CIE Lab	86.00, 6.73, -0.35
CIE LCh	86, 6.737, 356.995
Yxy	67.9871, 0.3219, 0.3236
Android (android.graphics.Color)	4293186520 (0xFFE4D3D8)
YUV	216.6530, -0.3219, 9.9513
Hunter-Lab	82.4543, 2.1168, 4.1669

Details

The CIELCh color $86, 6.737, 356.995$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $89, 6.585, 175.774$, and the grayscale version is $87, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $66, 7.125, 357.233$ is the 20% darker color. If you saturate the color by 10%, you get $80, 16.089, 358.115$, and if you desaturate by 10%, it is $92, 2.239, 176.395$.

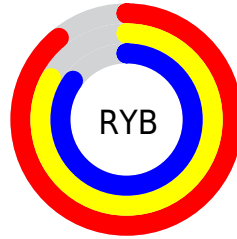
Distribution



Red (89%)

Green (83%)

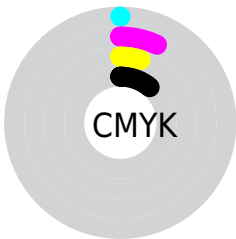
Blue (85%)



Red (89%)

Yellow (83%)

Blue (85%)

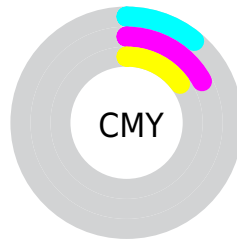


Cyan (0%)

Magenta (7%)

Yellow (5%)

Black (11%)



Cyan (11%)

Magenta (17%)

Yellow (15%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 6.737, 356.995 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, 6.737, 356.995 by changing the saturation by 10% instead.

 86, 6.737, 356.995

 86, 6.737, 356.995

 100, 6.737,
356.995

 76, 6.737, 356.995

 66, 6.737, 356.995

 56, 6.737, 356.995

 46, 6.737, 356.995

 36, 6.737, 356.995

 26, 6.737, 356.995

 16, 6.737, 356.995

 6, 6.737, 356.995

 0, 6.737, 356.995

86, 6.737, 356.995

86, 6.737, 356.995

80, 16.089,
358.115

92, 2.239, 176.395

74, 25.750,
359.370

98, 10.019,
178.269

69, 35.569, 0.854

98, 9.208, 198.896

63, 45.302, 2.656

59, 54.593, 4.890

55, 63.009, 7.709

52, 70.134, 11.287

50, 75.757, 15.768

48, 80.094, 21.125

Harmonies

Complementary

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



86, 6.737, 356.995



89, 6.585, 175.774

Rectangle

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



86, 6.737, 356.995



86, 6.737, 46.995



86, 6.737, 176.995



86, 6.737, 226.995

Sweetspot

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



86, 6.735, 357.006



99, 1.959, 356.271



86, 9.925, 316.025



53, 1.114, 356.247



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

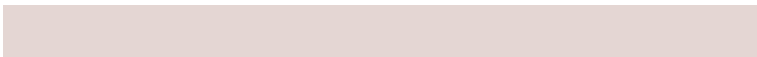
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86, 6.735, 357.006



94, 8.933, 357.180



87, 5.286, 39.219



45, 5.180, 357.224



37, 67.235, 21.499



7, 26.653, 8.836

Inverse Universe

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



86, 6.735, 357.006



94, 8.933, 357.180



88, 5.050, 219.798



45, 5.180, 357.224



37, 67.235, 21.499



7, 26.653, 8.836

Previews

White Background



This preview shows how the CIELCh color 86, 6.737, 356.995 looks on a white background.

Color Contrast Check

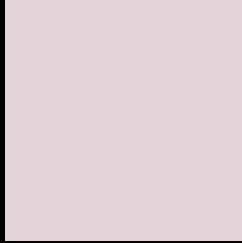
Large Text (above 18pt) WCAG AA × Fail

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, 6.737, 356.995 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

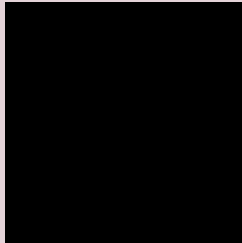
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

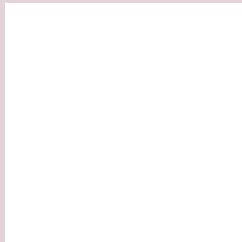
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 6.737, 356.995

Background



This preview shows how black text looks on a background with the CIELCh color 86, 6.737, 356.995.

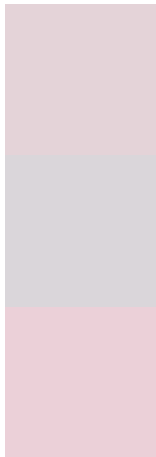


This preview shows how white text looks on a background with the CIELCh color 86, 6.737, 356.995.

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, 6.737, 356.995

Protanopia

86, 2.566, 324.435

Deuteranopia

86, 10.740, 357.283



Tritanopia
86, 11.491, 329.337

Trichromacy



Original Color
86, 6.737, 356.995

Protanomaly
86, 3.893, 346.987

Deuteranomaly
86, 9.177, 356.552

Tritanomaly
86, 9.340, 337.756

Monochromacy



Original Color
86, 6.737, 356.995

Achromatopsia
87, 0.010, 296.813

Achromatomaly
86, 2.422, 353.732

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 6.737, 356.995 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(228, 211, 216)` looks like.

```
.text, #text, p{  
    color:rgb(228, 211, 216)  
}
```

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(228, 211, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 211, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 6.737, 356.995 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(228, 211, 216) }
```

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

```
.border{ border-color:rgb(228, 211, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 211, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 211, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 211, 216);  
box-shadow:4px 4px 4px 4px rgb(228, 211,  
216) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 6.737, 356.995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 211, 216) }
```

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

```
.background{ background-color: rgb(228,  
211, 216) }
```

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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