

Converting Colors

CIELCh(86, 11.736, 338.220)

Have a look what the booklet for
CIELCh(86, 11.736, 338.220)
contains.

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Color

CIELCh(86, 11.726, 338.216)

Conversions

Conversions Part 1

Format	Color
Hex	E9D1E0
RGB	233, 209, 224
RGB Percent	91%, 82%, 88%
CMY	0.0881, 0.1821, 0.1233
CMYK	0.00, 0.10, 0.04, 0.09
HSL	323°, 35%, 86%
HSV	323°, 10%, 91%
XYZ	69.5408, 67.9871, 79.6587
YIQ	217.8860, 9.4890, 9.7530

Conversions

Conversions Part 2

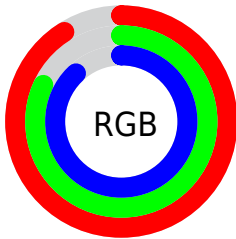
Format	Color
R _Y B	233, 209, 224
Decimal	15323616
CIE Lab	86.00, 10.89, -4.35
CIE LCh	86, 11.726, 338.216
Yxy	67.9871, 0.3202, 0.3130
Android (android.graphics.Color)	4293513696 (0xFFE9D1E0)
YUV	217.8860, 3.0142, 13.2550
Hunter-Lab	82.4543, 6.2493, 0.4382

Details

The CIELCh color $86, 11.726, 338.216$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $90, 11.633, 156.739$, 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 $66, 11.425, 337.852$ is the 20% darker color. If you saturate the color by 10%, you get $80, 23.255, 339.038$, and if you desaturate by 10%, it is $92, 0.362, 336.389$.

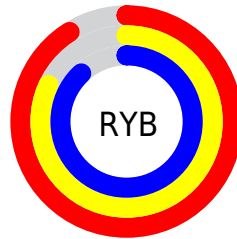
Distribution



Red (91%)

Green (82%)

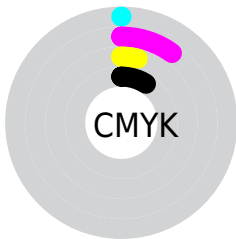
Blue (88%)



Red (91%)

Yellow (82%)

Blue (88%)

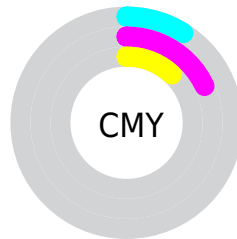


Cyan (0%)

Magenta (10%)

Yellow (4%)

Black (9%)



Cyan (9%)


Magenta (18%)


Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 11.726, 338.216 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, 11.726, 338.216 by changing the saturation by 10% instead.


 86, 11.726,
338.216


 86, 11.726,
338.216


 100, 11.726,
338.216


 76, 11.726,
338.216

 66, 11.726,
338.216

 56, 11.726,
338.216

 46, 11.726,
338.216

 36, 11.726,
338.216

 26, 11.726,
338.216

 16, 11.726,

338.216

■ 6, 11.726, 338.216

■ 0, 11.726, 338.216

■ 86, 11.726,
338.216

■ 86, 11.726,
338.216

■ 80, 23.255,
339.038

■ 92, 0.362, 336.389

■ 75, 34.780,
339.918

■ 98, 10.686,
156.913

■ 69, 46.029,
340.885

■ 98, 8.242, 179.854

■ 64, 56.609,
341.968

■ 98, 7.673, 199.006

■ 60, 66.012,

343.210

■ 57, 73.652,
344.676

■ 54, 78.990,
346.453

■ 52, 81.723,
348.654

■ 51, 82.248,
351.241

Harmonies

Complementary

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



86, 11.726, 338.216



90, 11.633, 156.739

Rectangle

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



86, 11.726, 338.216



86, 11.726, 28.216



86, 11.726, 158.216



86, 11.726, 208.216

Sweetspot

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



86, 11.723, 338.219



98, 3.652, 337.587



85, 13.051, 304.830



52, 2.770, 337.671



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, 11.723, 338.219



92, 14.719, 338.359



86, 8.986, 9.317



46, 6.498, 338.151



40, 68.396, 350.735



8, 30.193, 346.367

Inverse Universe

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



86, 11.723, 338.219



92, 14.719, 338.359



90, 8.555, 187.679



46, 6.498, 338.151



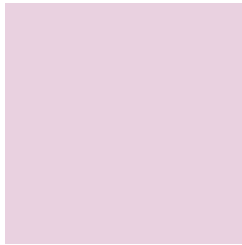
40, 68.396, 350.735



8, 30.193, 346.367

Previews

White Background



This preview shows how the CIELCh color 86, 11.726, 338.216 looks on a white background.

Color Contrast Check

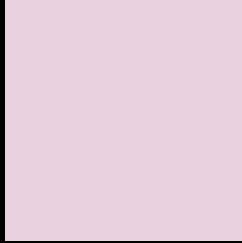
Large Text (above 18pt) WCAG AA × Fail

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, 11.726, 338.216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

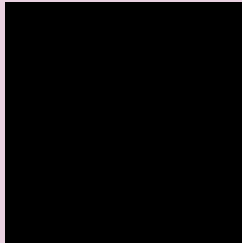
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 11.726, 338.216

Background



This preview shows how black text looks on a background with the CIELCh color 86, 11.726, 338.216.




This preview shows how white text looks on a background with the CIELCh color 86, 11.726, 338.216.

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, 12.705, 335.829

Trichromacy



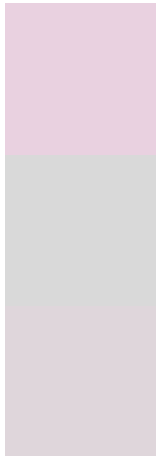
Original Color
86, 11.726, 338.216

Protanomaly
86, 8.210, 316.419

Deuteranomaly
86, 11.461, 336.966

Tritanomaly
86, 12.349, 337.571

Monochromacy



Original Color
86, 11.726, 338.216

Achromatopsia
87, 0.010, 296.813

Achromatomaly
86, 4.197, 340.989

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 11.726, 338.216 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(233, 209, 224)` looks like.

```
.text, #text, p{  
    color:rgb(233, 209, 224)  
}
```

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(233, 209, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 209, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 11.726, 338.216 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(233, 209, 224) }
```

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

```
.border{ border-color:rgb(233, 209, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 209, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 209, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 209, 224);  
box-shadow:4px 4px 4px 4px rgb(233, 209,  
224) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 11.726, 338.216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 209, 224) }
```

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

```
.background{ background-color: rgb(233,  
209, 224) }
```

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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