

Converting Colors

CIELCh(86, 10.602, 324.781)

Have a look what the booklet for
CIELCh(86, 10.602, 324.781)
contains.

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Color

CIELCh(86, 10.843, 324.827)

Conversions

Conversions Part 1

Format	Color
Hex	E3D2E3
RGB	227, 210, 227
RGB Percent	89%, 82%, 89%
CMY	0.1097, 0.1764, 0.1097
CMYK	0.00, 0.07, 0.00, 0.11
HSL	300°, 23%, 86%
HSV	300°, 7%, 89%
XYZ	68.6071, 67.9871, 82.1974
YIQ	217.0210, 4.6750, 8.8910

Conversions

Conversions Part 2

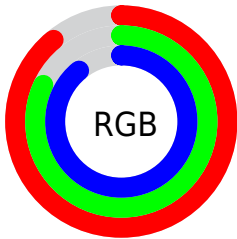
Format	Color
R _Y B	227, 210, 227
Decimal	14930659
CIE Lab	86.00, 8.86, -6.25
CIE LCh	86, 10.843, 324.827
Yxy	67.9871, 0.3136, 0.3107
Android (android.graphics.Color)	4293120739 (0xFFE3D2E3)
YUV	217.0210, 4.9196, 8.7516
Hunter-Lab	82.4543, 4.2282, -1.3873

Details

The CIELCh color `86, 10.843, 324.827` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `89, 10.821, 144.033`, 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, 10.758, 324.922` is the 20% darker color. If you saturate the color by 10%, you get `80, 25.436, 325.392`, and if you desaturate by 10%, it is `92, 3.595, 144.385`.

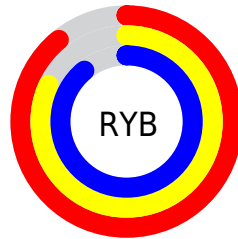
Distribution



Red (89%)

Green (82%)

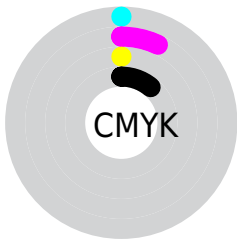
Blue (89%)



Red (89%)

Yellow (82%)

Blue (89%)

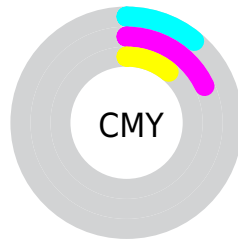


Cyan (0%)

Magenta (7%)

Yellow (0%)

Black (11%)



Cyan (11%)


Magenta (18%)


Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 10.843, 324.827 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, 10.843, 324.827 by changing the saturation by 10% instead.


 86, 10.843,
324.827


 86, 10.843,
324.827


 100, 10.843,
324.827


 76, 10.843,
324.827


 66, 10.843,
324.827

 56, 10.843,
324.827

 46, 10.843,
324.827

 36, 10.843,
324.827

 26, 10.843,
324.827

 16, 10.843,

324.827

■ 6, 10.843, 324.827

■ 0, 10.843, 324.827

■ 86, 10.843,
324.827

■ 86, 10.843,
324.827

■ 80, 25.436,
325.392

■ 92, 3.595, 144.385

■ 75, 39.977,
325.937

■ 97, 17.467,
143.798

■ 70, 54.155,
326.457

■ 97, 17.466,
143.798

■ 66, 67.549,
326.936

■ 97, 17.466,
143.799

■ 62, 79.641,

■ 97, 17.466,
143.799

327.358

97, 17.466,
143.799

59, 89.864,
327.706

97, 17.466,
143.799

56, 97.703,
327.967

97, 17.466,
143.799

55, 102.853,
328.136

97, 17.466,
143.800

54, 105.406,
328.219

Harmonies

Complementary

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



86, 10.843, 324.827



89, 10.821, 144.033

Rectangle

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



86, 10.843, 324.827



86, 10.843, 14.827



86, 10.843, 144.827



86, 10.843, 194.827

Sweetspot

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



86, 10.841, 324.827



99, 3.176, 324.455



85, 8.957, 290.947



53, 1.806, 324.445



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, 10.841, 324.827



94, 14.333, 324.918



86, 7.630, 344.215



45, 8.306, 324.941



42, 88.427, 328.233



9, 37.108, 328.233

Inverse Universe

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



86, 10.841, 324.827



94, 14.333, 324.918



89, 7.548, 163.087



45, 8.306, 324.941



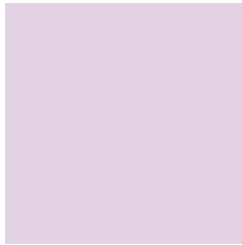
42, 88.427, 328.233



9, 37.108, 328.233

Previews

White Background



This preview shows how the CIELCh color 86, 10.843, 324.827 looks on a white background.

Color Contrast Check

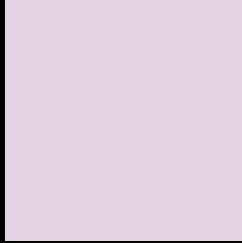
Large Text (above 18pt) WCAG AA × Fail

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, 10.843, 324.827 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

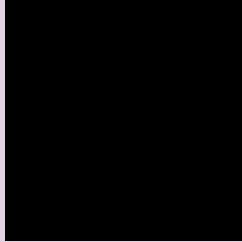
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

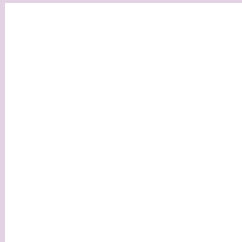
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 10.843, 324.827

Background



This preview shows how black text looks on a background with the CIELCh color 86, 10.843, 324.827.



This preview shows how white text looks on a background with the CIELCh color 86, 10.843, 324.827.

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, 10.843, 324.827

Protanopia
86, 7.891, 293.393

Deuteranopia
86, 12.119, 329.129



Tritanopia
86, 10.843, 324.827

Trichromacy



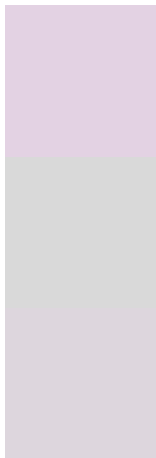
Original Color
86, 10.843, 324.827

Protanomaly
86, 8.189, 305.818

Deuteranomaly
86, 11.900, 327.751

Tritanomaly
86, 10.843, 324.827

Monochromacy



Original Color
86, 10.843, 324.827

Achromatopsia
87, 0.010, 296.813

Achromatomaly
86, 4.477, 324.553

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 10.843, 324.827 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(227, 210, 227)` looks like.

```
.text, #text, p{  
    color:rgb(227, 210, 227)  
}
```

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(227, 210, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 210, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 10.843, 324.827 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(227, 210, 227) }
```

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

```
.border{ border-color:rgb(227, 210, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 210, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 210, 227); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 210, 227); box-shadow:4px 4px 4px 4px rgb(227, 210, 227) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 10.843, 324.827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 210, 227) }
```

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

```
.background{ background-color: rgb(227,  
210, 227) }
```

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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