

Converting Colors

CIELCh(86, 9.165, 331.036)

Have a look what the booklet for
CIELCh(86, 9.165, 331.036) contains.

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Color

CIELCh(86, 9.594, 330.142)

Conversions

Conversions Part 1

Format	Color
Hex	E3D2E0
RGB	227, 210, 224
RGB Percent	89%, 82%, 88%
CMY	0.1088, 0.1755, 0.1206
CMYK	0.00, 0.07, 0.01, 0.11
HSL	311°, 23%, 86%
HSV	311°, 7%, 89%
XYZ	68.3584, 67.9871, 80.2233
YIQ	216.6790, 5.6380, 7.9580

Conversions

Conversions Part 2

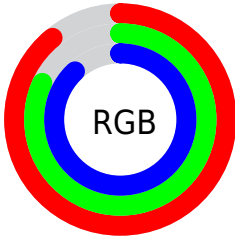
Format	Color
R _Y B	227, 210, 224
Decimal	14930656
CIE Lab	86.00, 8.32, -4.78
CIE LCh	86, 9.594, 330.142
Yxy	67.9871, 0.3156, 0.3139
Android (android.graphics.Color)	4293120736 (0xFFE3D2E0)
YUV	216.6790, 3.6093, 9.0515
Hunter-Lab	82.4543, 3.6896, 0.0322

Details

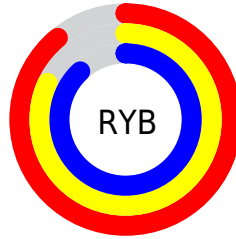
The CIELCh color $86, 9.594, 330.142$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $89, 9.563, 149.283$, and the grayscale version is $87, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $66, 9.446, 330.630$ is the 20% darker color. If you saturate the color by 10%, you get $80, 22.537, 330.790$, and if you desaturate by 10%, it is $92, 3.189, 149.678$.

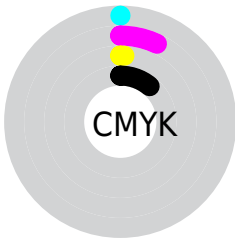
Distribution



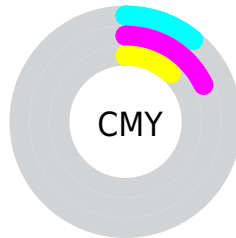
- Red (89%)
- Green (82%)
- Blue (88%)



- Red (89%)
- Yellow (82%)
- Blue (88%)



- Cyan (0%)
- Magenta (7%)
- Yellow (1%)
- Black (11%)



- Cyan (11%)
- Magenta (18%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 9.594, 330.142 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, 9.594, 330.142 by changing the saturation by 10% instead.

86, 9.594, 330.142

86, 9.594, 330.142

100, 9.594,
330.142

76, 9.594, 330.142

66, 9.594, 330.142

56, 9.594, 330.142

46, 9.594, 330.142

36, 9.594, 330.142

26, 9.594, 330.142

16, 9.594, 330.142

6, 9.594, 330.142

0, 9.594, 330.142

86, 9.594, 330.142

86, 9.594, 330.142

80, 22.537,
330.790

92, 3.189, 149.678

75, 35.464,
331.441

98, 15.256,
149.185

70, 48.098,
332.106

98, 13.720,
154.574

65, 60.052,
332.783

98, 12.323,
161.218

61, 70.826,
333.476

98, 11.123,
169.391

57, 79.846,
334.190

98, 10.187,
179.266

55, 86.562,
334.941

98, 9.597, 190.710

53, 90.602,
335.754

98, 9.429, 198.880

■ 52, 92.005,
336.660

Harmonies

Complementary

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



86, 9.594, 330.142



89, 9.563, 149.283

Rectangle

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



86, 9.594, 330.142



86, 9.594, 20.142



86, 9.594, 150.142



86, 9.594, 200.142

Sweetspot

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



86, 9.591, 330.143



99, 2.809, 329.715



85, 9.025, 297.267



53, 1.597, 329.703



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, 9.591, 330.143



94, 12.683, 330.247



86, 6.881, 354.317



45, 7.350, 330.273



41, 77.092, 336.735



8, 33.025, 335.206

Inverse Universe

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



86, 9.591, 330.143



94, 12.683, 330.247



89, 6.746, 173.083



45, 7.350, 330.273



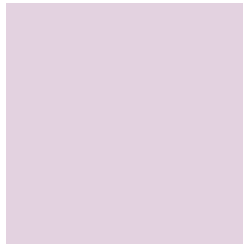
41, 77.092, 336.735



8, 33.025, 335.206

Previews

White Background



This preview shows how the CIELCh color 86, 9.594, 330.142 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, 9.594, 330.142 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

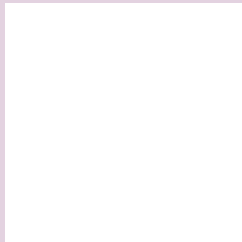
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 9.594, 330.142

Background



This preview shows how black text looks on a background with the CIELCh color 86, 9.594, 330.142.

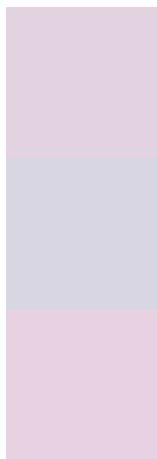


This preview shows how white text looks on a background with the CIELCh color 86, 9.594, 330.142.

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, 9.594, 330.142

Protanopia

86, 6.354, 297.097

Deuteranopia

86, 11.821, 335.114



Tritanopia
86, 10.631, 328.042

Trichromacy



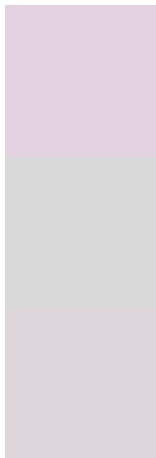
Original Color
86, 9.594, 330.142

Protanomaly
86, 6.808, 312.125

Deuteranomaly
86, 11.328, 332.454

Tritanomaly
86, 10.224, 329.837

Monochromacy



Original Color
86, 9.594, 330.142

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 3.419, 329.460

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 9.594, 330.142 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, 224)` looks like.

```
.text, #text, p{  
    color:rgb(227, 210, 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(227, 210, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 210, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 9.594, 330.142 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, 224) }
```

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

```
.border{ border-color:rgb(227, 210, 224) }
```

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, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 210, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 210, 224);  
box-shadow:4px 4px 4px 4px rgb(227, 210,  
224) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 9.594, 330.142 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, 224) }
```

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

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