

Converting Colors

CIELCh(86, 12.824, 34.326)

Have a look what the booklet for
CIELCh(86, 12.824, 34.326) contains.

CIELCh(86, 12.824, 34.326)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(86, 12.824, 34.326)

Conversions

Conversions Part 1

Format	Color
Hex	F1D0CA
RGB	241, 208, 202
RGB Percent	95%, 82%, 79%
CMY	0.0554, 0.1848, 0.2083
CMYK	0.00, 0.14, 0.16, 0.06
HSL	9°, 58%, 87%
HSV	9°, 16%, 94%
XYZ	69.4029, 67.9871, 65.2648
YIQ	217.1830, 21.5940, 5.1300

Conversions

Conversions Part 2

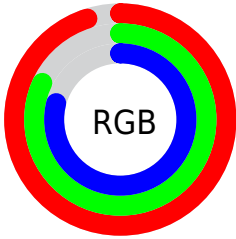
Format	Color
R _Y B	241, 209, 202
Decimal	15847626
CIE Lab	86.00, 10.59, 7.23
CIE LCh	86, 12.824, 34.326
Yxy	67.9871, 0.3425, 0.3355
Android (android.graphics.Color)	4294037706 (0xFFFF1D0CA)
YUV	217.1830, -7.4852, 20.8875
Hunter-Lab	82.4543, 5.9508, 10.7883

Details

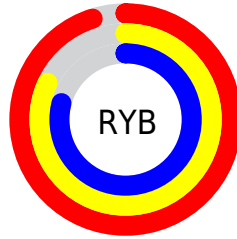
The CIELCh color **86, 12.824, 34.326** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **91, 11.507, 214.510**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **66, 12.899, 35.239** is the 20% darker color. If you saturate the color by 10%, you get **81, 21.638, 34.600**, and if you desaturate by 10%, it is **92, 4.701, 34.154**.

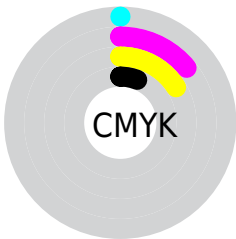
Distribution



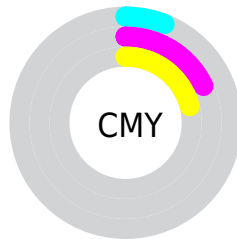
- Red (95%)
- Green (82%)
- Blue (79%)



- Red (95%)
- Yellow (82%)
- Blue (79%)



- Cyan (0%)
- Magenta (14%)
- Yellow (16%)
- Black (6%)



- Cyan (6%)
- Magenta (18%)
- Yellow (21%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 12.824, 34.326 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, 12.824, 34.326 by changing the saturation by 10% instead.

 86, 12.824, 34.326

 86, 12.824, 34.326

 100, 12.824,
34.326

 76, 12.824, 34.326

 66, 12.824, 34.326

 56, 12.824, 34.326

 46, 12.824, 34.326

 36, 12.824, 34.326

 26, 12.824, 34.326

 16, 12.824, 34.326

 6, 12.824, 34.326

 0, 12.824, 34.326

86, 12.824, 34.326

86, 12.824, 34.326

81, 21.638, 34.600

92, 4.701, 34.154

75, 31.184, 35.038

97, 2.782, 214.527

70, 41.456, 35.709

99, 4.866, 199.233

66, 52.389, 36.662

61, 63.810, 37.923

58, 75.352, 39.437

55, 86.212, 40.934

52, 94.666, 41.715

52, 97.190, 41.929

Harmonies

Complementary

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



86, 12.824, 34.326



91, 11.507, 214.510

Rectangle

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



86, 12.824, 34.326



86, 12.824, 84.326



86, 12.824, 214.326



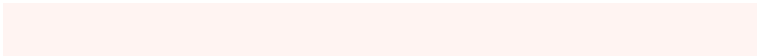
86, 12.824, 264.326

Sweetspot

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



86, 12.823, 34.338



97, 3.958, 34.118



85, 22.280, 329.809



51, 2.708, 34.141



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

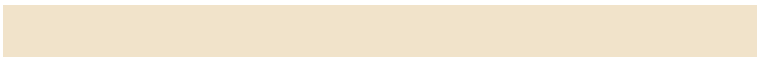
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86, 12.823, 34.338



89, 15.953, 34.399



91, 14.056, 87.689



47, 4.358, 34.221



40, 78.906, 42.259



9, 26.885, 32.392

Inverse Universe

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



91, 11.507, 214.510



95, 14.019, 214.569



86, 13.967, 272.055



49, 4.100, 214.437



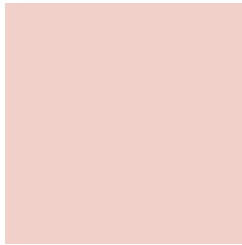
59, 34.037, 225.500



17, 14.940, 220.918

Previews

White Background



This preview shows how the CIELCh color 86, 12.824, 34.326 looks on a white background.

Color Contrast Check

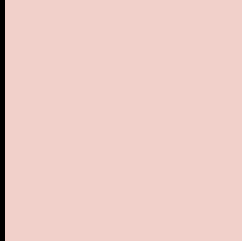
Large Text (above 18pt) WCAG AA × Fail

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, 12.824, 34.326 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

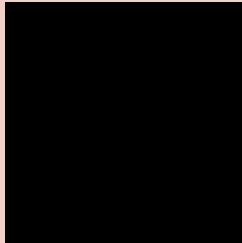
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 12.824, 34.326

Background



This preview shows how black text looks on a background with the CIELCh color 86, 12.824, 34.326.

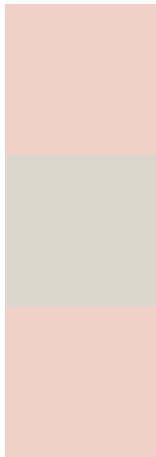


This preview shows how white text looks on a background with the CIELCh color 86, 12.824, 34.326.

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, 12.824, 34.326

Protanopia

86, 5.349, 80.895

Deuteranopia

86, 12.824, 34.326



Tritanopia
86, 16.184, 349.568

Trichromacy



Original Color
86, 12.824, 34.326

Protanomaly
86, 7.259, 54.795

Deuteranomaly
86, 12.824, 34.326

Tritanomaly
86, 13.910, 3.011

Monochromacy



Original Color
86, 12.824, 34.326

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 4.504, 32.979

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 12.824, 34.326 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(241, 208, 202)` looks like.

```
.text, #text, p{  
    color:rgb(241, 208, 202)  
}
```

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(241, 208, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 208, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 12.824, 34.326 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(241, 208, 202) }
```

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

```
.border{ border-color:rgb(241, 208, 202) }
```

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

Here you see how a box with a 4 pixel rgb(241, 208, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 208, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 208, 202);  
box-shadow:4px 4px 4px 4px rgb(241, 208,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 12.824, 34.326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 208, 202) }
```

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

```
.background{ background-color: rgb(241,  
208, 202) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor