

Converting Colors

CIELCh(86, 14.593, 48.499)

Have a look what the booklet for
CIELCh(86, 14.593, 48.499) contains.

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Color

CIELCh(86, 14.681, 47.621)

Conversions

Conversions Part 1

Format	Color
Hex	F2D0C3
RGB	242, 208, 195
RGB Percent	95%, 82%, 76%
CMY	0.0506, 0.1840, 0.2350
CMYK	0.00, 0.14, 0.19, 0.05
HSL	17°, 65%, 86%
HSV	17°, 19%, 95%
XYZ	69.0819, 67.9871, 61.1586
YIQ	216.6840, 24.4370, 3.1650

Conversions

Conversions Part 2

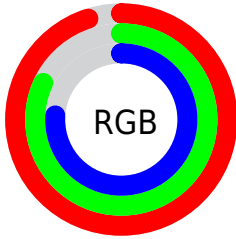
Format	Color
R _Y B	242, 213, 195
Decimal	15913155
CIE Lab	86.00, 9.90, 10.84
CIE LCh	86, 14.681, 47.621
Yxy	67.9871, 0.3485, 0.3430
Android (android.graphics.Color)	4294103235 (0xFFFF2D0C3)
YUV	216.6840, -10.6902, 22.2021
Hunter-Lab	82.4543, 5.2559, 13.7410

Details

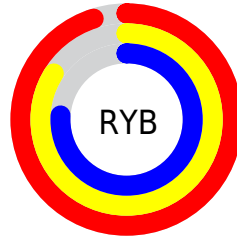
The CIELCh color **86, 14.681, 47.621** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **89, 13.057, 230.184**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 1.510, 110.014**, and **66, 14.605, 49.575** is the 20% darker color. If you saturate the color by 10%, you get **81, 23.151, 47.247**, and if you desaturate by 10%, it is **91, 6.844, 48.074**.

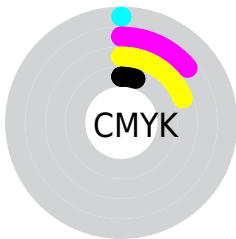
Distribution



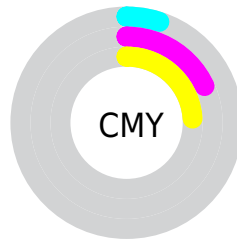
- Red (95%)
- Green (82%)
- Blue (76%)



- Red (95%)
- Yellow (84%)
- Blue (76%)



- Cyan (0%)
- Magenta (14%)
- Yellow (19%)
- Black (5%)



- Cyan (5%)
- Magenta (18%)
- Yellow (24%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 14.681, 47.621 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, 14.681, 47.621 by changing the saturation by 10% instead.

 86, 14.681, 47.621

 86, 14.681, 47.621

 100, 14.681,
47.621

 76, 14.681, 47.621

 66, 14.681, 47.621

 56, 14.681, 47.621

 46, 14.681, 47.621

 36, 14.681, 47.621

 26, 14.681, 47.621

 16, 14.681, 47.621

 6, 14.681, 47.621

 0, 14.681, 47.621

86, 14.681, 47.621

86, 14.681, 47.621

81, 23.151, 47.247

91, 6.844, 48.074

77, 32.300, 46.969

96, 0.413, 230.159

72, 42.138, 46.826

99, 4.453, 199.272

68, 52.616, 46.829

64, 63.560, 46.953

61, 74.535, 47.076

58, 84.560, 46.863

55, 92.181, 45.873

55, 92.597, 45.831

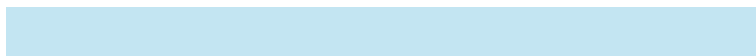
Harmonies

Complementary

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



86, 14.681, 47.621



89, 13.057, 230.184

Rectangle

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



86, 14.681, 47.621



86, 14.681, 97.621



86, 14.681, 227.621



86, 14.681, 277.621

Sweetspot

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



86, 14.680, 47.632



97, 4.488, 48.205



84, 24.752, 334.283



51, 2.985, 48.183



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, 14.680, 47.632



88, 18.404, 47.482



92, 19.002, 96.005



48, 4.098, 48.072



42, 74.772, 46.371



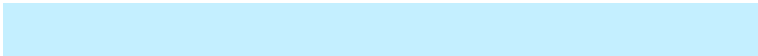
11, 25.129, 40.319

Inverse Universe

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



89, 13.057, 230.184



92, 15.971, 230.545



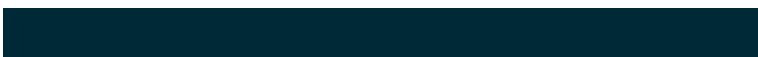
83, 19.310, 280.935



48, 3.884, 229.387



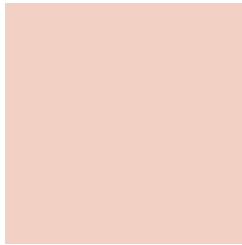
52, 36.953, 251.619



15, 15.414, 243.771

Previews

White Background



This preview shows how the CIELCh color 86, 14.681, 47.621 looks on a white background.

Color Contrast Check

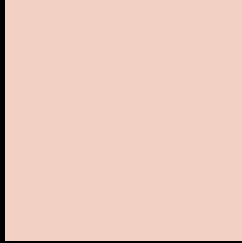
Large Text (above 18pt) WCAG AA × Fail

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, 14.681, 47.621 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

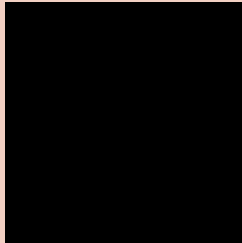
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 14.681, 47.621

Background



This preview shows how black text looks on a background with the CIELCh color 86, 14.681, 47.621.

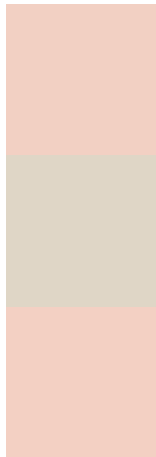


This preview shows how white text looks on a background with the CIELCh color 86, 14.681, 47.621.

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, 14.681, 47.621

Protanopia

86, 9.001, 87.490

Deuteranopia

86, 15.029, 46.953



Tritanopia
86, 17.153, 351.603

Trichromacy



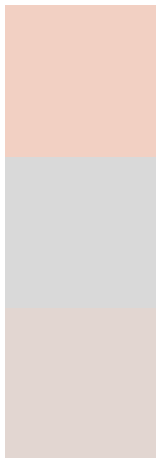
Original Color
86, 14.681, 47.621

Protanomaly
86, 10.368, 68.642

Deuteranomaly
86, 15.029, 46.953

Tritanomaly
86, 14.794, 8.333

Monochromacy



Original Color
86, 14.681, 47.621

Achromatopsia
87, 0.010, 296.813

Achromatomaly
86, 5.113, 50.247

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 14.681, 47.621 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(242, 208, 195)` looks like.

```
.text, #text, p{  
    color:rgb(242, 208, 195)  
}
```

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(242, 208, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 208, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 14.681, 47.621 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(242, 208, 195) }
```

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

```
.border{ border-color:rgb(242, 208, 195) }
```

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

Here you see how a box with a 4 pixel rgb(242, 208, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 208, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 208, 195);  
box-shadow:4px 4px 4px 4px rgb(242, 208,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 14.681, 47.621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 208, 195) }
```

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

```
.background{ background-color: rgb(242,  
208, 195) }
```

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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