

Converting Colors

CIELCh(86, 13.842, 20.413)

Have a look what the booklet for
CIELCh(86, 13.842, 20.413) contains.

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Color

CIELCh(86, 13.842, 20.413)

Conversions

Conversions Part 1

Format	Color
Hex	F3CECE
RGB	243, 206, 206
RGB Percent	95%, 81%, 81%
CMY	0.0452, 0.1903, 0.1903
CMYK	0.00, 0.15, 0.15, 0.05
HSL	0°, 62%, 88%
HSV	0°, 15%, 95%
XYZ	70.5103, 67.9871, 68.0956
YIQ	217.0630, 22.0520, 7.8440

Conversions

Conversions Part 2

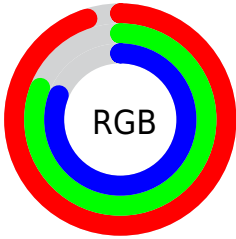
Format	Color
R _Y B	243, 206, 206
Decimal	15978190
CIE Lab	86.00, 12.97, 4.83
CIE LCh	86, 13.842, 20.413
Yxy	67.9871, 0.3413, 0.3291
Android (android.graphics.Color)	4294168270 (0xFFFF3CECE)
YUV	217.0630, -5.4541, 22.7467
Hunter-Lab	82.4543, 8.3482, 8.7529

Details

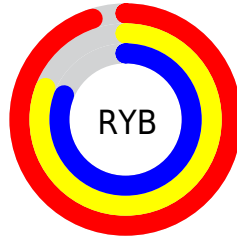
The CIELCh color $86, 13.842, 20.413$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $93, 12.539, 198.652$, and the grayscale version is $87, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $66, 13.520, 20.657$ is the 20% darker color. If you saturate the color by 10%, you get $80, 23.860, 21.391$, and if you desaturate by 10%, it is $93, 4.553, 19.597$.

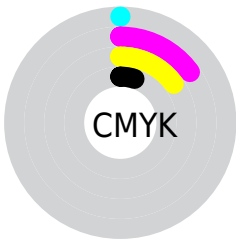
Distribution



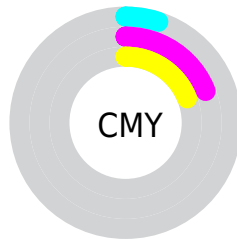
- Red (95%)
- Green (81%)
- Blue (81%)



- Red (95%)
- Yellow (81%)
- Blue (81%)



- Cyan (0%)
- Magenta (15%)
- Yellow (15%)
- Black (5%)



- Cyan (5%)
- Magenta (19%)
- Yellow (19%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 13.842, 20.413 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, 13.842, 20.413 by changing the saturation by 10% instead.

 86, 13.842, 20.413

 86, 13.842, 20.413

 100, 13.842,
20.413

 76, 13.842, 20.413

 66, 13.842, 20.413

 56, 13.842, 20.413

 46, 13.842, 20.413

 36, 13.842, 20.413

 26, 13.842, 20.413

 16, 13.842, 20.413

 6, 13.842, 20.413

 0, 13.842, 20.413

86, 13.842, 20.413

86, 13.842, 20.413

80, 23.860, 21.391

93, 4.553, 19.597

74, 34.589, 22.641

99, 3.976, 199.320

68, 45.924, 24.277

63, 57.653, 26.411

58, 69.446, 29.143

55, 80.842, 32.468

52, 91.090, 36.075

51, 98.545, 39.006

51, 100.977,
40.001

Harmonies

Complementary

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



86, 13.842, 20.413



93, 12.539, 198.652

Rectangle

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



86, 13.842, 20.413



86, 13.842, 70.413



86, 13.842, 200.413



86, 13.842, 250.413

Sweetspot

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



86, 13.840, 20.422



97, 4.538, 19.579



87, 23.391, 325.268



51, 3.105, 19.643



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, 13.840, 20.422



88, 17.203, 20.675



91, 11.815, 73.510



48, 5.079, 19.952



39, 82.549, 40.001



8, 31.021, 25.015

Inverse Universe

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



93, 12.539, 198.652



97, 15.280, 198.502



89, 11.363, 257.553



50, 4.782, 198.978



69, 39.552, 196.409



22, 17.586, 196.406

Previews

White Background



This preview shows how the CIELCh color 86, 13.842, 20.413 looks on a white background.

Color Contrast Check

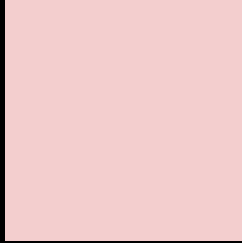
Large Text (above 18pt) WCAG AA × Fail

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, 13.842, 20.413 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

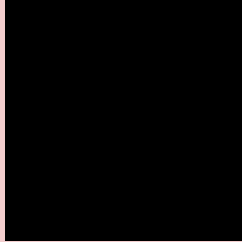
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 13.842, 20.413

Background



This preview shows how black text looks on a background with the CIELCh color 86, 13.842, 20.413.

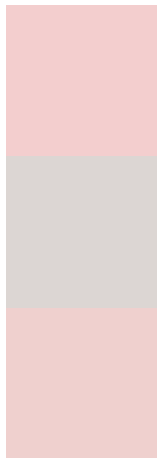


This preview shows how white text looks on a background with the CIELCh color 86, 13.842, 20.413.

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, 13.842, 20.413

Protanopia

86, 2.676, 55.178

Deuteranopia

86, 11.619, 25.350



Tritanopia
86, 17.153, 351.603

Trichromacy



Original Color
86, 13.842, 20.413

Protanomaly
86, 6.713, 28.742

Deuteranomaly
86, 12.717, 22.656

Tritanomaly
86, 15.280, 0.629

Monochromacy



Original Color
86, 13.842, 20.413

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 4.743, 19.630

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 13.842, 20.413 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(243, 206, 206)` looks like.

```
.text, #text, p{  
    color:rgb(243, 206, 206)  
}
```

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(243, 206, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 206, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 13.842, 20.413 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(243, 206, 206) }
```

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

```
.border{ border-color:rgb(243, 206, 206) }
```

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

Here you see how a box with a 4 pixel rgb(243, 206, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 206, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 206, 206);  
box-shadow:4px 4px 4px 4px rgb(243, 206,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 13.842, 20.413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 206, 206) }
```

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

```
.background{ background-color: rgb(243,  
206, 206) }
```

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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