

Converting Colors

CIELCh(86, 13.422, 20.331)

Have a look what the booklet for
CIELCh(86, 13.422, 20.331) contains.

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Color

CIELCh(86, 13.445, 20.377)

Conversions

Conversions Part 1

Format	Color
Hex	F3CFCF
RGB	243, 207, 207
RGB Percent	95%, 81%, 81%
CMY	0.0482, 0.1893, 0.1893
CMYK	0.00, 0.15, 0.15, 0.05
HSL	0°, 59%, 88%
HSV	0°, 15%, 95%
XYZ	70.3379, 67.9871, 68.2706
YIQ	217.7640, 21.4560, 7.6320

Conversions

Conversions Part 2

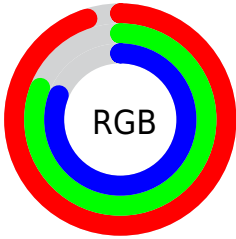
Format	Color
R _Y B	243, 207, 207
Decimal	15978447
CIE Lab	86.00, 12.60, 4.68
CIE LCh	86, 13.445, 20.377
Yxy	67.9871, 0.3405, 0.3291
Android (android.graphics.Color)	4294168527 (0xFFFF3CFCF)
YUV	217.7640, -5.3067, 22.1320
Hunter-Lab	82.4543, 7.9750, 8.6270

Details

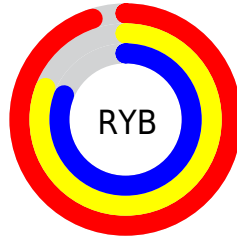
The CIELCh color **86, 13.445, 20.377** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **93, 12.211, 198.668**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **66, 13.095, 20.609** is the 20% darker color. If you saturate the color by 10%, you get **80, 23.410, 21.347**, and if you desaturate by 10%, it is **93, 4.206, 19.558**.

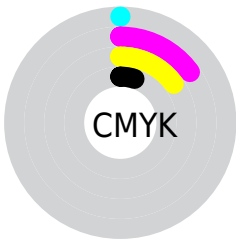
Distribution



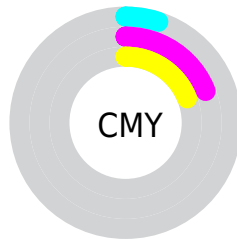
- Red (95%)
- Green (81%)
- Blue (81%)



- 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, 13.445, 20.377 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, 13.445, 20.377 by changing the saturation by 10% instead.

 86, 13.445, 20.377

 86, 13.445, 20.377

 100, 13.445,
20.377

 76, 13.445, 20.377

 66, 13.445, 20.377

 56, 13.445, 20.377

 46, 13.445, 20.377

 36, 13.445, 20.377

 26, 13.445, 20.377

 16, 13.445, 20.377

 6, 13.445, 20.377

 0, 13.445, 20.377

86, 13.445, 20.377

86, 13.445, 20.377

80, 23.410, 21.347

93, 4.206, 19.558

74, 34.086, 22.584

99, 4.239, 199.293

68, 45.372, 24.203

63, 57.061, 26.316

58, 68.829, 29.023

55, 80.222, 32.329

52, 90.511, 35.937

51, 98.102, 38.921

51, 100.736,
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, 13.445, 20.377



93, 12.211, 198.668

Rectangle

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



86, 13.445, 20.377



86, 13.445, 70.377



86, 13.445, 200.377



86, 13.445, 250.377

Sweetspot

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



86, 13.443, 20.386



97, 3.616, 19.475



87, 22.750, 325.247



51, 2.578, 19.552



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, 13.443, 20.386



88, 17.204, 20.671



90, 11.483, 73.556



48, 5.080, 19.949



39, 82.549, 40.001



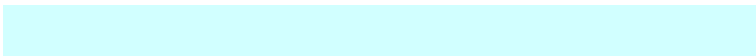
8, 31.022, 25.012

Inverse Universe

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



93, 12.211, 198.668



97, 15.280, 198.498



89, 11.056, 257.495



50, 4.782, 198.974



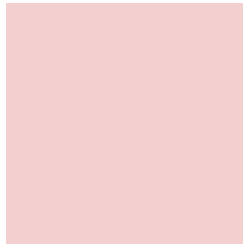
69, 39.555, 196.403



22, 17.587, 196.400

Previews

White Background



This preview shows how the CIELCh color 86, 13.445, 20.377 looks on a white background.

Color Contrast Check

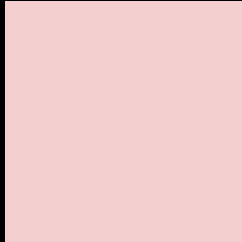
Large Text (above 18pt) WCAG AA × Fail

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, 13.445, 20.377 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

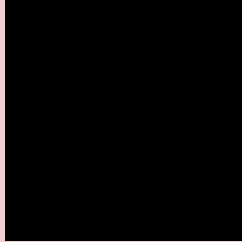
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 13.445, 20.377

Background



This preview shows how black text looks on a background with the CIELCh color 86, 13.445, 20.377.



This preview shows how white text looks on a background with the CIELCh color 86, 13.445, 20.377.

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, 13.445, 20.377

Protanopia

86, 2.676, 55.178

Deuteranopia

86, 11.619, 25.350



Tritanopia
86, 16.500, 350.268

Trichromacy



Original Color
86, 13.445, 20.377

Protanomaly
86, 6.344, 29.239

Deuteranomaly
86, 11.999, 25.215

Tritanomaly
86, 14.916, 0.094

Monochromacy



Original Color
86, 13.445, 20.377

Achromatopsia
87, 0.010, 296.813

Achromatomaly
86, 4.748, 19.632

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 13.445, 20.377 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, 207, 207)` looks like.

```
.text, #text, p{  
    color:rgb(243, 207, 207)  
}
```

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, 207, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 207, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 13.445, 20.377 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, 207, 207) }
```

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

```
.border{ border-color:rgb(243, 207, 207) }
```

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

Here you see how a box with a 4 pixel rgb(243, 207, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 207, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 207, 207);  
box-shadow:4px 4px 4px 4px rgb(243, 207,  
207) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 13.445, 20.377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 207, 207) }
```

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

```
.background{ background-color: rgb(243,  
207, 207) }
```

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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