

Converting Colors

CIELCh(96, 55.885, 29.667)

Have a look what the booklet for
CIELCh(96, 55.885, 29.667) contains.

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Color

CIELCh(86, 20.340, 38.507)

Conversions

Conversions Part 1

Format	Color
Hex	FECCCC
RGB	254, 204, 192
RGB Percent	100%, 80%, 75%
CMY	0.0045, 0.2003, 0.2474
CMYK	0.00, 0.20, 0.24, 0.00
HSL	12°, 96%, 87%
HSV	12°, 24%, 100%
XYZ	71.8951, 67.9871, 59.1583
YIQ	217.5820, 33.6520, 6.8680

Conversions

Conversions Part 2

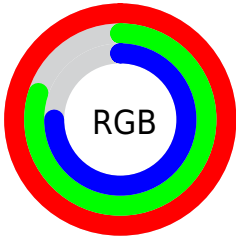
Format	Color
R _Y B	254, 207, 192
Decimal	16698560
CIE Lab	86.00, 15.92, 12.66
CIE LCh	86, 20.340, 38.507
Yxy	67.9871, 0.3612, 0.3416
Android (android.graphics.Color)	4294888640 (0xFFFECCC0)
YUV	217.5820, -12.6119, 31.9386
Hunter-Lab	82.4543, 11.3460, 15.1793

Details

The CIELCh color **86, 20.340, 38.507** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **92, 17.211, 219.689**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 3.539, 109.892**, and **66, 20.019, 38.502** is the 20% darker color. If you saturate the color by 10%, you get **81, 29.915, 38.681**, and if you desaturate by 10%, it is **91, 11.506, 38.489**.

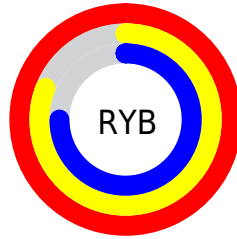
Distribution



Red (100%)

Green (80%)

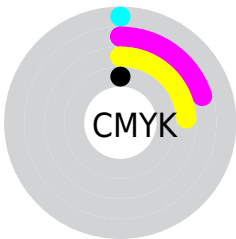
Blue (75%)



Red (100%)

Yellow (81%)

Blue (75%)

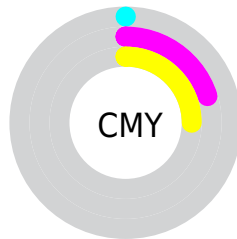


Cyan (0%)

Magenta (20%)

Yellow (24%)

Black (0%)



Cyan (0%)

Magenta (20%)

Yellow (25%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 20.340, 38.507 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, 20.340, 38.507 by changing the saturation by 10% instead.

 86, 20.340, 38.507

 86, 20.340, 38.507

 100, 20.340,
38.507

 76, 20.340, 38.507

 66, 20.340, 38.507

 56, 20.340, 38.507

 46, 20.340, 38.507

 36, 20.340, 38.507

 26, 20.340, 38.507

 16, 20.340, 38.507

 6, 20.340, 38.507

 0, 20.340, 38.507

86, 20.340, 38.507

86, 20.340, 38.507

81, 29.915, 38.681

91, 11.506, 38.489

76, 40.254, 39.037

97, 3.369, 38.469

71, 51.319, 39.623

100, 0.399,
201.039

66, 62.979, 40.459

62, 74.913, 41.497

59, 86.397, 42.519

56, 95.850, 42.944

55, 99.782, 42.858

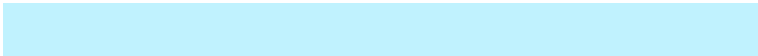
Harmonies

Complementary

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



86, 20.340, 38.507



92, 17.211, 219.689

Rectangle

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



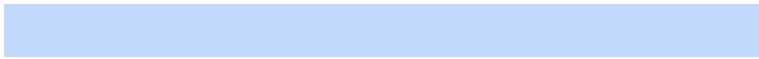
86, 20.340, 38.507



86, 20.340, 88.507



86, 20.340, 218.507



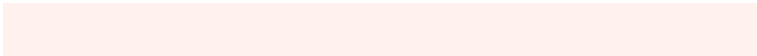
86, 20.340, 268.507

Sweetspot

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



86, 20.339, 38.515



96, 5.446, 38.502



85, 34.285, 331.490



51, 3.547, 38.504



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, 20.339, 38.515



84, 24.746, 38.571



93, 22.989, 89.312



50, 4.469, 38.503



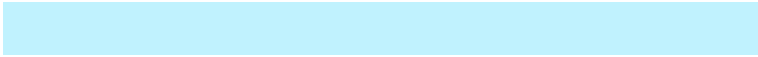
42, 80.204, 43.251



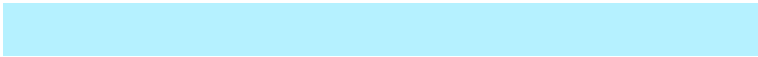
12, 30.074, 36.810

Inverse Universe

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



92, 17.211, 219.689



92, 20.200, 219.978



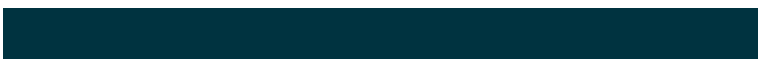
85, 22.974, 276.048



52, 4.209, 219.077



59, 35.293, 234.274



19, 16.139, 229.170

Previews

White Background



This preview shows how the CIELCh color 86, 20.340, 38.507 looks on a white background.

Color Contrast Check

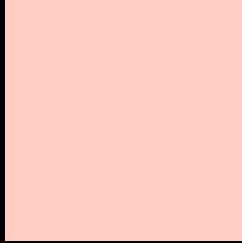
Large Text (above 18pt) WCAG AA × Fail

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, 20.340, 38.507 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

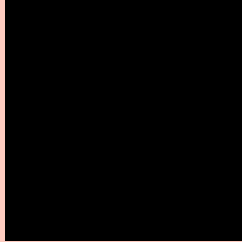
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 20.340, 38.507

Background



This preview shows how black text looks on a background with the CIELCh color 86, 20.340, 38.507.

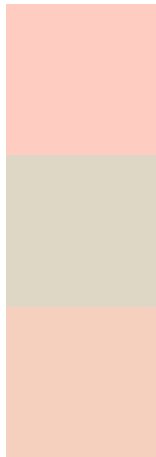


This preview shows how white text looks on a background with the CIELCh color 86, 20.340, 38.507.

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, 20.363, 38.508

Protanopia

86, 9.356, 90.761

Deuteranopia

86, 16.849, 51.849



Tritanopia
86, 21.389, 359.723

Trichromacy



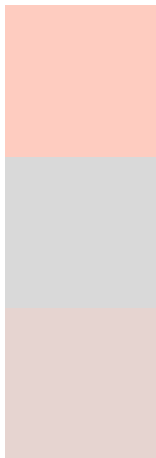
Original Color
86, 20.363, 38.508

Protanomaly
86, 11.732, 61.590

Deuteranomaly
86, 17.955, 47.933

Tritanomaly
86, 20.053, 13.531

Monochromacy



Original Color
86, 20.363, 38.508

Achromatopsia
87, 0.010, 296.813

Achromatomaly
86, 6.966, 37.206

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 20.340, 38.507 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(254, 204, 192)` looks like.

```
.text, #text, p{  
    color:rgb(254, 204, 192)  
}
```

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(254, 204, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 204, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 20.340, 38.507 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(254, 204, 192) }
```

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

```
.border{ border-color:rgb(254, 204, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 204, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 204, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 204, 192);  
box-shadow:4px 4px 4px 4px rgb(254, 204,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 20.340, 38.507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 204, 192) }
```

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

```
.background{ background-color: rgb(254,  
204, 192) }
```

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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