

Converting Colors

CIELCh(86, 20.259, 36.929)

Have a look what the booklet for
CIELCh(86, 20.259, 36.929) contains.

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Color

CIELCh(86, 20.167, 37.155)

Conversions

Conversions Part 1

Format	Color
Hex	FECCCC
RGB	254, 204, 193
RGB Percent	100%, 80%, 76%
CMY	0.0046, 0.2006, 0.2438
CMYK	0.00, 0.20, 0.24, 0.00
HSL	11°, 96%, 88%
HSV	11°, 24%, 100%
XYZ	71.9692, 67.9871, 59.6858
YIQ	217.6960, 33.3310, 7.1790

Conversions

Conversions Part 2

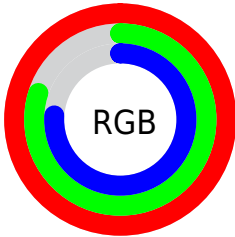
Format	Color
RYB	254, 206, 193
Decimal	16698561
CIELab	86.00, 16.07, 12.18
CIELCh	86, 20.167, 37.155
Yxy	67.9871, 0.3605, 0.3405
Android (android.graphics.Color)	4294888641 (0xFFFECCC1)
YUV	217.6960, -12.1751, 31.8386
Hunter-Lab	82.4543, 11.5064, 14.8001

Details

The CIELCh color **86, 20.167, 37.155** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **93, 17.089, 217.989**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 3.032, 109.926**, and **66, 20.019, 38.502** is the 20% darker color. If you saturate the color by 10%, you get **81, 29.794, 37.403**, and if you desaturate by 10%, it is **92, 11.286, 37.070**.

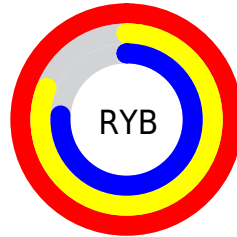
Distribution



Red (100%)

Green (80%)

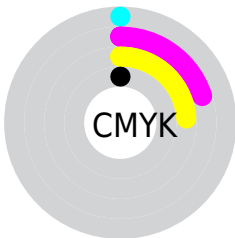
Blue (76%)



Red (100%)

Yellow (81%)

Blue (76%)

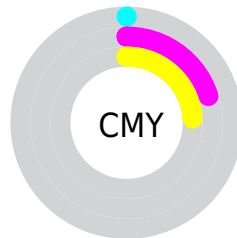


Cyan (0%)

Magenta (20%)

Yellow (24%)

Black (0%)



Cyan (0%)

Magenta (20%)

Yellow (24%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 20.167, 37.155 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, 20.167, 37.155 by changing the saturation by 10% instead.

 86, 20.167, 37.155

 86, 20.167, 37.155

 100, 20.167,
37.155

 76, 20.167, 37.155

 66, 20.167, 37.155

 56, 20.167, 37.155

 46, 20.167, 37.155

 36, 20.167, 37.155

 26, 20.167, 37.155

 16, 20.167, 37.155

 6, 20.167, 37.155

 0, 20.167, 37.155

86, 20.167, 37.155

86, 20.167, 37.155

81, 29.794, 37.403

92, 11.286, 37.070

75, 40.187, 37.842

97, 3.107, 36.972

71, 51.306, 38.525

100, 0.408,
201.002

66, 63.015, 39.477

62, 74.999, 40.657

59, 86.548, 41.857

56, 96.104, 42.495

55, 100.278,
42.504

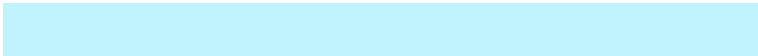
Harmonies

Complementary

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



86, 20.167, 37.155



93, 17.089, 217.989

Rectangle

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



86, 20.167, 37.155



86, 20.167, 87.155



86, 20.167, 217.155



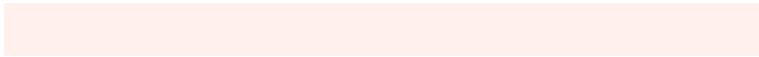
86, 20.167, 267.155

Sweetspot

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



86, 20.166, 37.163



96, 5.490, 37.036



85, 34.160, 330.880



51, 3.576, 37.041



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, 20.166, 37.163



84, 24.952, 37.261



93, 22.297, 88.025



50, 4.506, 37.052



42, 80.626, 42.875



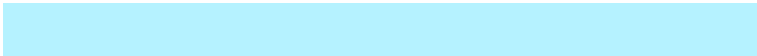
12, 30.268, 36.086

Inverse Universe

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



93, 17.089, 217.989



92, 20.334, 218.256



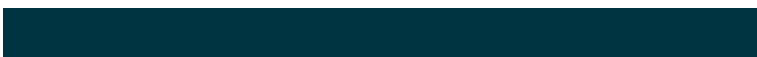
85, 22.176, 274.707



52, 4.240, 217.506



60, 35.142, 231.376



19, 16.134, 226.631

Previews

White Background



This preview shows how the CIELCh color 86, 20.167, 37.155 looks on a white background.

Color Contrast Check

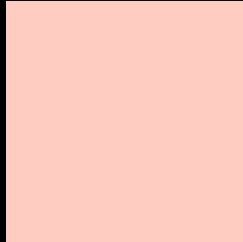
Large Text (above 18pt) WCAG AA × Fail

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, 20.167, 37.155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

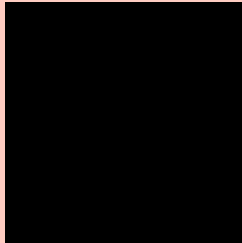
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 20.167, 37.155

Background



This preview shows how black text looks on a background with the CIELCh color 86, 20.167, 37.155.



This preview shows how white text looks on a background with the CIELCh color 86, 20.167, 37.155.

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, 20.167, 37.155

Protanopia

86, 9.356, 90.761

Deuteranopia

86, 16.552, 50.396



Tritanopia
86, 21.389, 359.723

Trichromacy



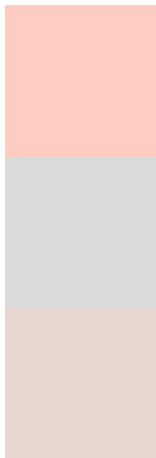
Original Color
86, 20.167, 37.155

Protanomaly
86, 11.732, 61.590

Deuteranomaly
86, 17.808, 44.535

Tritanomaly
86, 20.089, 12.056

Monochromacy



Original Color
86, 20.167, 37.155

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 6.959, 37.206

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 20.167, 37.155 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, 193)` looks like.

```
.text, #text, p{  
    color:rgb(254, 204, 193)  
}
```

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, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 204, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 20.167, 37.155 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, 193) }
```

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

```
.border{ border-color:rgb(254, 204, 193) }
```

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, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(254, 204, 193); -webkit-box-shadow:4px 4px 4px 4px rgb(254, 204, 193); box-shadow:4px 4px 4px 4px rgb(254, 204, 193) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 20.167, 37.155 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, 193) }
```

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

```
.background{ background-color: rgb(254,  
204, 193) }
```

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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