

Converting Colors

CIELCh(86, 22.465, 47.074)

Have a look what the booklet for
CIELCh(86, 22.465, 47.074) contains.

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Color

CIELCh(86, 22.404, 46.738)

Conversions

Conversions Part 1

Format	Color
Hex	FFCCB9
RGB	255, 204, 185
RGB Percent	100%, 80%, 73%
CMY	0.0000, 0.1998, 0.2743
CMYK	0.00, 0.20, 0.27, 0.00
HSL	16°, 100%, 86%
HSV	16°, 27%, 100%
XYZ	71.6291, 67.9871, 55.2758
YIQ	217.0830, 36.4950, 4.9030

Conversions

Conversions Part 2

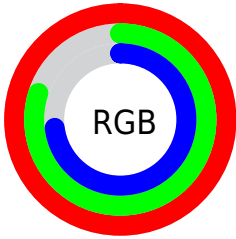
Format	Color
R _Y B	255, 211, 185
Decimal	16764089
CIE Lab	86.00, 15.35, 16.32
CIE LCh	86, 22.404, 46.738
Yxy	67.9871, 0.3675, 0.3488
Android (android.graphics.Color)	4294954169 (0xFFFFCCB9)
YUV	217.0830, -15.8169, 33.2532
Hunter-Lab	82.4543, 10.7703, 17.9711

Details

The CIELCh color **86, 22.404, 46.738** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **91, 18.802, 230.355**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 7.086, 109.637**, and **66, 22.247, 47.170** is the 20% darker color. If you saturate the color by 10%, you get **81, 31.811, 46.499**, and if you desaturate by 10%, it is **91, 13.661, 47.146**.

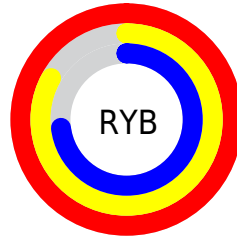
Distribution



Red (100%)

Green (80%)

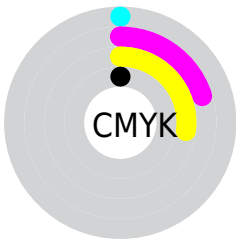
Blue (73%)



Red (100%)

Yellow (83%)

Blue (73%)

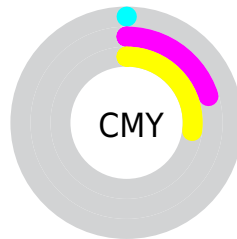


Cyan (0%)

Magenta (20%)

Yellow (27%)

Black (0%)



Cyan (0%)

Magenta (20%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 22.404, 46.738 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, 22.404, 46.738 by changing the saturation by 10% instead.

 86, 22.404, 46.738

 86, 22.404, 46.738

 100, 22.404,
46.738

 76, 22.404, 46.738

 66, 22.404, 46.738

 56, 22.404, 46.738

 46, 22.404, 46.738

 36, 22.404, 46.738

 26, 22.404, 46.738

 16, 22.404, 46.738

 6, 22.404, 46.738

 0, 22.404, 46.738

86, 22.404, 46.738

86, 22.404, 46.738

81, 31.811, 46.499

91, 13.661, 47.146

76, 41.965, 46.363

96, 5.597, 47.560

72, 52.809, 46.379

100, 0.012,
296.813

68, 64.190, 46.532

64, 75.720, 46.725

61, 86.497, 46.668

58, 94.830, 45.783

58, 96.657, 45.539

Harmonies

Complementary

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



86, 22.404, 46.738



91, 18.802, 230.355

Rectangle

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



86, 22.404, 46.738



86, 22.404, 96.738



86, 22.404, 226.738



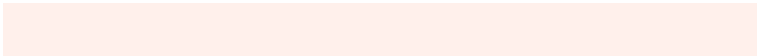
86, 22.404, 276.738

Sweetspot

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



86, 22.382, 46.771



96, 6.040, 47.539



83, 36.514, 334.882



50, 4.318, 47.480



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, 22.382, 46.771



83, 27.545, 46.604



94, 28.095, 95.003



50, 4.318, 47.480



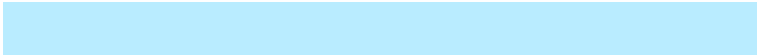
44, 77.357, 46.066



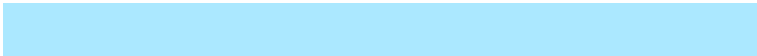
13, 28.941, 41.754

Inverse Universe

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



91, 18.802, 230.355



89, 22.209, 231.042



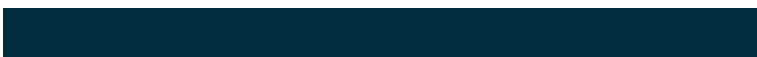
82, 28.768, 282.269



51, 4.089, 228.759



54, 37.876, 250.789



17, 16.769, 244.081

Previews

White Background



This preview shows how the CIELCh color 86, 22.404, 46.738 looks on a white background.

Color Contrast Check

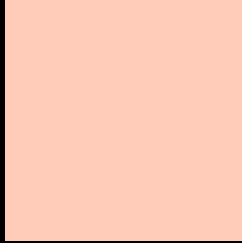
Large Text (above 18pt) WCAG AA × Fail

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, 22.404, 46.738 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

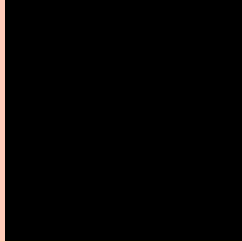
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 22.404, 46.738

Background



This preview shows how black text looks on a background with the CIELCh color 86, 22.404, 46.738.

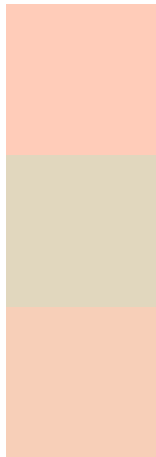


This preview shows how white text looks on a background with the CIELCh color 86, 22.404, 46.738.

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, 22.404, 46.738

Protanopia

86, 13.583, 92.827

Deuteranopia

86, 19.805, 57.335



Tritanopia
86, 21.238, 1.054

Trichromacy



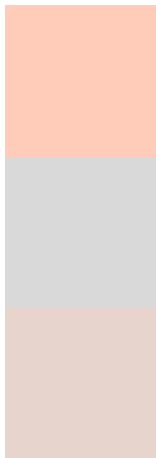
Original Color
86, 22.404, 46.738

Protanomaly
86, 15.429, 70.650

Deuteranomaly
86, 20.803, 53.672

Tritanomaly
86, 20.031, 17.973

Monochromacy



Original Color
86, 22.404, 46.738

Achromatopsia
87, 0.010, 296.813

Achromatomaly
86, 7.949, 47.117

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 22.404, 46.738 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(255, 204, 185)` looks like.

```
.text, #text, p{  
    color:rgb(255, 204, 185)  
}
```

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(255, 204, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 204, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 22.404, 46.738 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(255, 204, 185) }
```

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

```
.border{ border-color:rgb(255, 204, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 204, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 204, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 204, 185);  
box-shadow:4px 4px 4px 4px rgb(255, 204,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 22.404, 46.738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 204, 185) }
```

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

```
.background{ background-color: rgb(255,  
204, 185) }
```

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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