

Converting Colors

CIELCh(85, 20.492, 48.104)

Have a look what the booklet for
CIELCh(85, 20.492, 48.104) contains.

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Color

CIELCh(85, 20.742, 47.388)

Conversions

Conversions Part 1

Format	Color
Hex	F9CAB8
RGB	249, 202, 184
RGB Percent	98%, 79%, 72%
CMY	0.0226, 0.2069, 0.2775
CMYK	0.00, 0.19, 0.26, 0.02
HSL	17°, 85%, 85%
HSV	17°, 26%, 98%
XYZ	69.0068, 66.0070, 54.5781
YIQ	214.0010, 33.7900, 4.3660

Conversions

Conversions Part 2

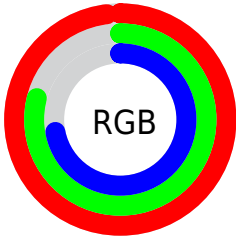
Format	Color
R _Y B	249, 209, 184
Decimal	16370360
CIE Lab	85.00, 14.04, 15.27
CIE LCh	85, 20.742, 47.388
Yxy	66.0070, 0.3640, 0.3482
Android (android.graphics.Color)	4294560440 (0xFFF9CAB8)
YUV	214.0010, -14.7905, 30.6941
Hunter-Lab	81.2447, 9.4344, 17.0418

Details

The CIELCh color **85, 20.742, 47.388** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **89, 17.621, 230.917**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 7.593, 109.599**, and **65, 20.859, 47.399** is the 20% darker color. If you saturate the color by 10%, you get **80, 29.876, 47.077**, and if you desaturate by 10%, it is **90, 12.289, 47.810**.

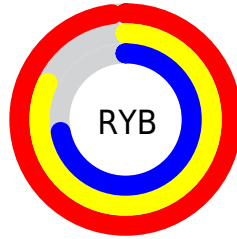
Distribution



Red (98%)

Green (79%)

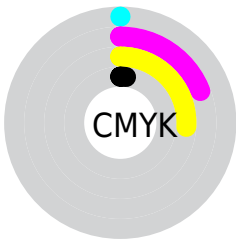
Blue (72%)



Red (98%)

Yellow (82%)

Blue (72%)

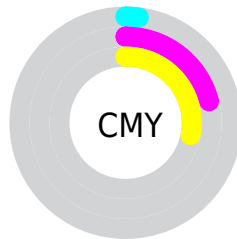


Cyan (0%)

Magenta (19%)

Yellow (26%)

Black (2%)



Cyan (2%)

Magenta (21%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 20.742, 47.388 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 85, 20.742, 47.388 by changing the saturation by 10% instead.

 85, 20.742, 47.388

 85, 20.742, 47.388

 100, 20.742,
47.388

 75, 20.742, 47.388

 65, 20.742, 47.388

 55, 20.742, 47.388

 45, 20.742, 47.388

 35, 20.742, 47.388

 25, 20.742, 47.388

 15, 20.742, 47.388

 5, 20.742, 47.388

 0, 20.742, 47.388

85, 20.742, 47.388

85, 20.742, 47.388

80, 29.876, 47.077

90, 12.289, 47.810

76, 39.719, 46.885

95, 4.469, 48.238

71, 50.245, 46.839

100, 1.995,
199.611

67, 61.325, 46.928

63, 72.626, 47.072

60, 83.360, 47.019

57, 91.954, 46.215

57, 94.704, 45.796

Harmonies

Complementary

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



85, 20.742, 47.388



89, 17.621, 230.917

Rectangle

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



85, 20.742, 47.388



85, 20.742, 97.388



85, 20.742, 227.388



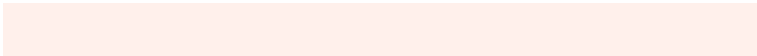
85, 20.742, 277.388

Sweetspot

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



85, 20.741, 47.396



96, 6.032, 48.168



82, 34.089, 334.778



50, 4.312, 48.104



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

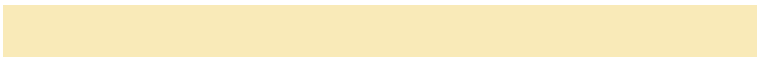
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85, 20.741, 47.396



84, 25.617, 47.224



93, 26.215, 95.176



50, 4.241, 48.105



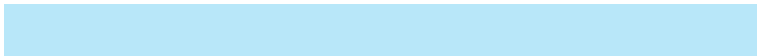
43, 76.355, 46.323



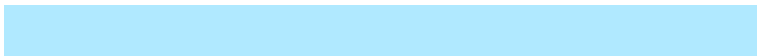
12, 27.632, 41.595

Inverse Universe

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



89, 17.621, 230.917



89, 21.003, 231.517



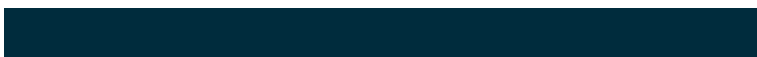
81, 26.804, 282.029



50, 4.019, 229.427



53, 37.757, 251.782



16, 16.374, 244.673

Previews

White Background



This preview shows how the CIELCh color 85, 20.742, 47.388 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 85, 20.742, 47.388 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 85, 20.742, 47.388

Background



This preview shows how black text looks on a background with the CIELCh color 85, 20.742, 47.388.



This preview shows how white text looks on a background with the CIELCh color 85, 20.742, 47.388.

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

85, 20.742, 47.388

Protanopia

85, 12.615, 91.618

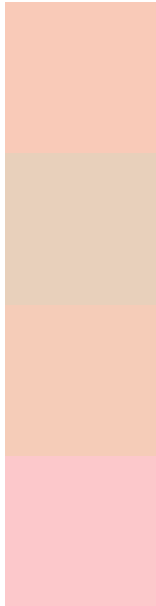
Deuteranopia

85, 18.522, 56.395



Tritanopia
85, 21.798, 0.153

Trichromacy



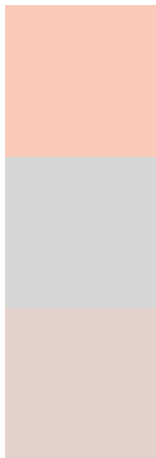
Original Color
85, 20.742, 47.388

Protanomaly
85, 14.389, 69.403

Deuteranomaly
85, 19.203, 53.156

Tritanomaly
85, 19.679, 16.388

Monochromacy



Original Color
85, 20.742, 47.388

Achromatopsia
86, 0.010, 296.813

Achromatomaly
85, 7.300, 49.803

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 20.742, 47.388 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(249, 202, 184)` looks like.

```
.text, #text, p{  
    color:rgb(249, 202, 184)  
}
```

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(249, 202, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 202, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 20.742, 47.388 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(249, 202, 184) }
```

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

```
.border{ border-color:rgb(249, 202, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 202, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(249, 202, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(249, 202, 184); box-shadow:4px 4px 4px 4px rgb(249, 202, 184) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 20.742, 47.388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 202, 184) }
```

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

```
.background{ background-color: rgb(249,  
202, 184) }
```

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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