

Converting Colors

CIELCh(85, 23.608, 42.049)

Have a look what the booklet for
CIELCh(85, 23.608, 42.049) contains.

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Color

CIELCh(85, 23.464, 42.935)

Conversions

Conversions Part 1

Format	Color
Hex	FFC8B7
RGB	255, 200, 183
RGB Percent	100%, 78%, 72%
CMY	0.0000, 0.2156, 0.2822
CMYK	0.00, 0.22, 0.28, 0.00
HSL	14°, 100%, 86%
HSV	14°, 28%, 100%
XYZ	70.4615, 66.0070, 53.8417
YIQ	214.5070, 38.2370, 6.3730

Conversions

Conversions Part 2

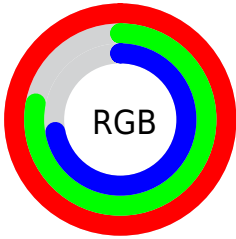
Format	Color
R _Y B	255, 205, 183
Decimal	16763063
CIE Lab	85.00, 17.18, 15.98
CIE LCh	85, 23.464, 42.935
Yxy	66.0070, 0.3702, 0.3468
Android (android.graphics.Color)	4294953143 (0xFFFFC8B7)
YUV	214.5070, -15.5330, 35.5124
Hunter-Lab	81.2447, 12.6303, 17.5792

Details

The CIELCh color **85, 23.464, 42.935** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **91, 19.409, 225.609**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 8.099, 109.562**, and **65, 23.400, 43.171** is the 20% darker color. If you saturate the color by 10%, you get **80, 33.113, 42.914**, and if you desaturate by 10%, it is **90, 14.527, 43.122**.

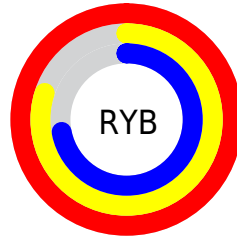
Distribution



Red (100%)

Green (78%)

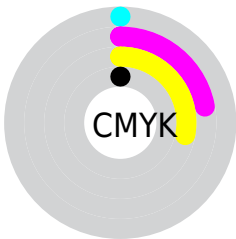
Blue (72%)



Red (100%)

Yellow (80%)

Blue (72%)

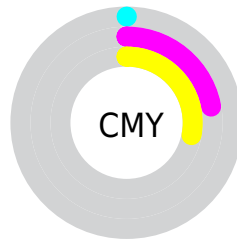


Cyan (0%)

Magenta (22%)

Yellow (28%)

Black (0%)



Cyan (0%)

Magenta (22%)

Yellow (28%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 23.464, 42.935 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, 23.464, 42.935 by changing the saturation by 10% instead.

 85, 23.464, 42.935

 85, 23.464, 42.935

 100, 23.464,
42.935

 75, 23.464, 42.935

 65, 23.464, 42.935

 55, 23.464, 42.935

 45, 23.464, 42.935

 35, 23.464, 42.935

 25, 23.464, 42.935

 15, 23.464, 42.935

 5, 23.464, 42.935

 0, 23.464, 42.935

85, 23.464, 42.935

85, 23.464, 42.935

80, 33.113, 42.914

90, 14.527, 43.122

75, 43.522, 43.042

96, 6.293, 43.360

71, 54.628, 43.362

100, 0.012,
296.813

66, 66.259, 43.863

63, 77.991, 44.441

59, 88.849, 44.778

57, 97.062, 44.269

57, 98.327, 44.190

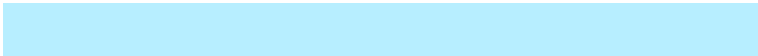
Harmonies

Complementary

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



85, 23.464, 42.935



91, 19.409, 225.609

Rectangle

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



85, 23.464, 42.935



85, 23.464, 92.935



85, 23.464, 222.935



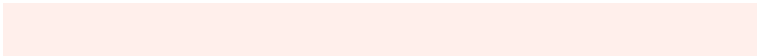
85, 23.464, 272.935

Sweetspot

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



85, 23.452, 42.953



96, 6.116, 43.364



83, 38.442, 333.615



50, 4.373, 43.331



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, 23.452, 42.953



82, 28.941, 42.912



94, 28.027, 92.580



50, 4.373, 43.331



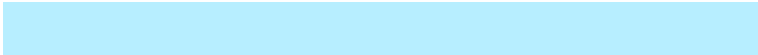
43, 78.714, 44.661



12, 29.448, 39.370

Inverse Universe

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



91, 19.409, 225.609



89, 22.897, 226.204



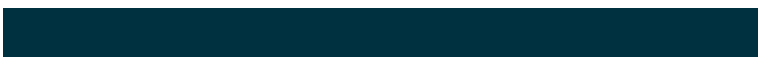
82, 28.457, 280.275



52, 4.129, 224.295



56, 36.352, 243.494



18, 16.355, 237.388

Previews

White Background



This preview shows how the CIELCh color 85, 23.464, 42.935 looks on a white background.

Color Contrast Check

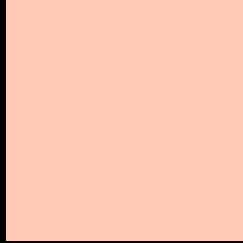
Large Text (above 18pt) WCAG AA × Fail

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 85, 23.464, 42.935 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

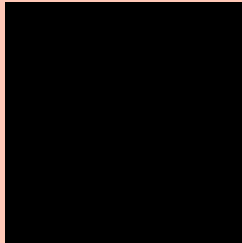
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 23.464, 42.935

Background



This preview shows how black text looks on a background with the CIELCh color 85, 23.464, 42.935.



This preview shows how white text looks on a background with the CIELCh color 85, 23.464, 42.935.

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, 23.464, 42.935

Protanopia

85, 12.615, 91.618

Deuteranopia

85, 19.531, 58.012



Tritanopia
85, 22.742, 2.557

Trichromacy



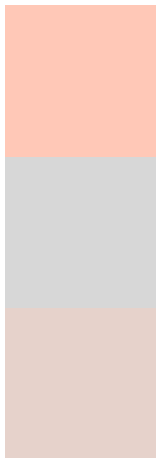
Original Color
85, 23.464, 42.935

Protanomaly
85, 14.909, 67.125

Deuteranomaly
85, 20.897, 51.955

Tritanomaly
85, 21.655, 16.979

Monochromacy



Original Color
85, 23.464, 42.935

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 8.304, 45.932

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 23.464, 42.935 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, 200, 183)` looks like.

```
.text, #text, p{  
    color:rgb(255, 200, 183)  
}
```

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, 200, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 200, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 23.464, 42.935 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, 200, 183) }
```

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

```
.border{ border-color:rgb(255, 200, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 200, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 200, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 200, 183); box-shadow:4px 4px 4px 4px rgb(255, 200, 183) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 23.464, 42.935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 200, 183) }
```

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

```
.background{ background-color: rgb(255,  
200, 183) }
```

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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