

Converting Colors

CIELCh(97, 53.483, 40.080)

Have a look what the booklet for
CIELCh(97, 53.483, 40.080) contains.

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Color

CIELCh(88, 23.297, 65.221)

Conversions

Conversions Part 1

Format	Color
Hex	FED5B5
RGB	254, 213, 181
RGB Percent	100%, 84%, 71%
CMY	0.0037, 0.1643, 0.2897
CMYK	0.00, 0.16, 0.29, 0.00
HSL	26°, 97%, 85%
HSV	26°, 29%, 100%
XYZ	73.0700, 72.0653, 53.8451
YIQ	221.6110, 34.7080, -1.2600

Conversions

Conversions Part 2

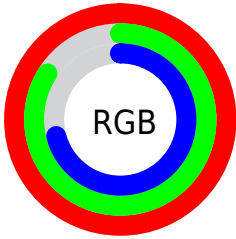
Format	Color
R _Y B	254, 238, 181
Decimal	16700853
CIE Lab	88.00, 9.76, 21.15
CIE LCh	88, 23.297, 65.221
Yxy	72.0653, 0.3672, 0.3622
Android (android.graphics.Color)	4294890933 (0xFFFE5B5)
YUV	221.6110, -20.0212, 28.4052
Hunter-Lab	84.8913, 5.0837, 21.8173

Details

The CIELCh color **88, 23.297, 65.221** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **87, 20.843, 252.731**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 9.112, 109.487**, and **68, 23.196, 64.914** is the 20% darker color. If you saturate the color by 10%, you get **84, 32.359, 64.128**, and if you desaturate by 10%, it is **92, 14.741, 66.339**.

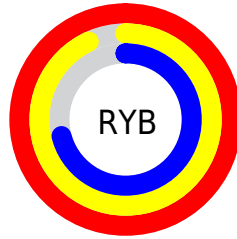
Distribution



Red (100%)

Green (84%)

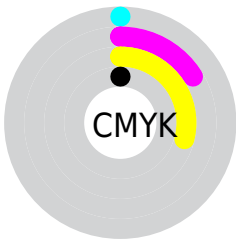
Blue (71%)



Red (100%)

Yellow (93%)

Blue (71%)

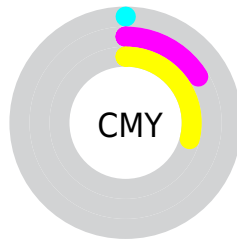


Cyan (0%)

Magenta (16%)

Yellow (29%)

Black (0%)



Cyan (0%)

Magenta (16%)

Yellow (29%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 23.297, 65.221 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 88, 23.297, 65.221 by changing the saturation by 10% instead.

 88, 23.297, 65.221

 88, 23.297, 65.221

 100, 23.297,
65.221

 78, 23.297, 65.221

 68, 23.297, 65.221

 58, 23.297, 65.221

 48, 23.297, 65.221

 38, 23.297, 65.221

 28, 23.297, 65.221

 18, 23.297, 65.221

 8, 23.297, 65.221

 0, 23.297, 65.221

88, 23.297, 65.221

88, 23.297, 65.221

84, 32.359, 64.128

92, 14.741, 66.339

80, 41.922, 63.045

96, 6.665, 67.427

77, 51.915, 61.969

100, 0.326,
201.418

73, 62.132, 60.853

70, 72.096, 59.574

67, 80.862, 57.859

64, 87.208, 55.345

64, 87.958, 55.022

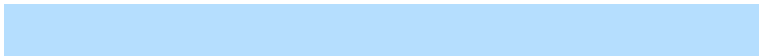
Harmonies

Complementary

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



88, 23.297, 65.221



87, 20.843, 252.731

Rectangle

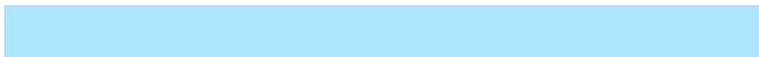
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88, 23.297, 65.221



88, 23.297, 115.221



88, 23.297, 245.221



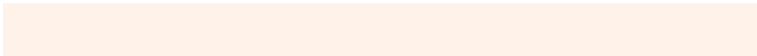
88, 23.297, 295.221

Sweetspot

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



88, 23.297, 65.229



96, 6.917, 67.396



82, 34.058, 342.699



51, 4.827, 67.242



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



88, 23.297, 65.229



86, 28.115, 64.644



97, 34.412, 104.382



51, 4.376, 67.343



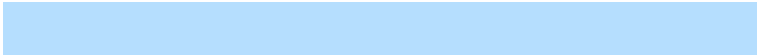
49, 70.691, 55.716



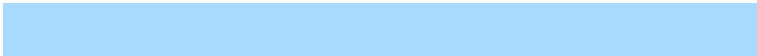
15, 27.199, 55.800

Inverse Universe

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



87, 20.843, 252.731



85, 24.570, 253.790



77, 36.547, 291.061



51, 4.238, 249.707



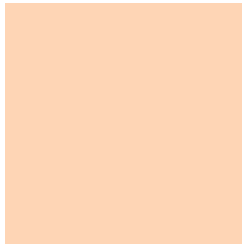
45, 51.441, 277.465



13, 21.258, 270.469

Previews

White Background



This preview shows how the CIE LCh color 88, 23.297, 65.221 looks on a white background.

Color Contrast Check

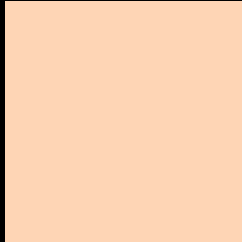
Large Text (above 18pt) WCAG AA × Fail

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 88, 23.297, 65.221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

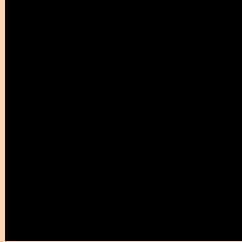
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 23.297, 65.221

Background



This preview shows how black text looks on a background with the CIELCh color 88, 23.297, 65.221.



This preview shows how white text looks on a background with the CIELCh color 88, 23.297, 65.221.

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

88, 23.322, 65.210

Protanopia

88, 18.850, 93.271

Deuteranopia

88, 22.834, 62.872



Tritanopia
88, 18.320, 357.471

Trichromacy



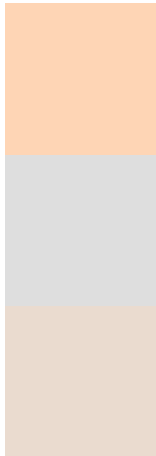
Original Color
88, 23.322, 65.210

Protanomaly
88, 19.566, 80.363

Deuteranomaly
88, 23.218, 63.715

Tritanomaly
88, 16.944, 24.115

Monochromacy



Original Color
88, 23.322, 65.210

Achromatopsia
88, 0.011, 296.813

Achromatomaly
88, 8.352, 67.810

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 23.297, 65.221 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, 213, 181)` looks like.

```
.text, #text, p{  
    color:rgb(254, 213, 181)  
}
```

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, 213, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 213, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 23.297, 65.221 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, 213, 181) }
```

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

```
.border{ border-color:rgb(254, 213, 181) }
```

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

Here you see how a box with a 4 pixel rgb(254, 213, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 213, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 213, 181);  
box-shadow:4px 4px 4px 4px rgb(254, 213,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 23.297, 65.221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 213, 181) }
```

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

```
.background{ background-color: rgb(254,  
213, 181) }
```

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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