

Converting Colors

CIELCh(84, 23.043, 71.196)

Have a look what the booklet for
CIELCh(84, 23.043, 71.196) contains.

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Color

CIELCh(84, 23.035, 70.256)

Conversions

Conversions Part 1

Format	Color
Hex	EFCBA9
RGB	239, 203, 169
RGB Percent	94%, 80%, 66%
CMY	0.0619, 0.2031, 0.3365
CMYK	0.00, 0.15, 0.29, 0.06
HSL	29°, 69%, 80%
HSV	29°, 29%, 94%
XYZ	64.2504, 64.0658, 46.6117
YIQ	209.8880, 32.3700, -2.9420

Conversions

Conversions Part 2

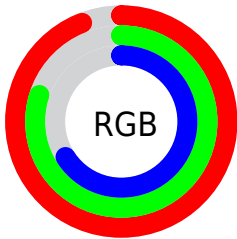
Format	Color
R _Y B	239, 235, 169
Decimal	15715241
CIE Lab	84.00, 7.78, 21.68
CIE LCh	84, 23.035, 70.256
Yxy	64.0658, 0.3673, 0.3662
Android (android.graphics.Color)	4293905321 (0xFFEFCBA9)
YUV	209.8880, -20.1578, 25.5312
Hunter-Lab	80.0411, 3.2133, 21.5014

Details

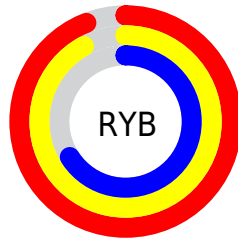
The CIELCh color **84, 23.035, 70.256** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **81, 21.081, 258.426**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 15.682, 108.992**, and **64, 22.903, 70.222** is the 20% darker color. If you saturate the color by 10%, you get **81, 31.694, 69.026**, and if you desaturate by 10%, it is **88, 14.788, 71.490**.

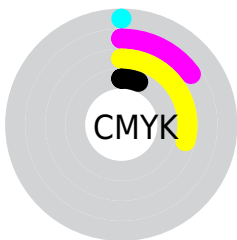
Distribution



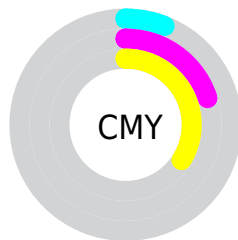
- Red (94%)
- Green (80%)
- Blue (66%)



- Red (94%)
- Yellow (92%)
- Blue (66%)



- Cyan (0%)
- Magenta (15%)
- Yellow (29%)
- Black (6%)



- Cyan (6%)
- Magenta (20%)
- Yellow (34%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 23.035, 70.256 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 84, 23.035, 70.256 by changing the saturation by 10% instead.

 84, 23.035, 70.256

 84, 23.035, 70.256

 100, 23.035,
70.256

 74, 23.035, 70.256

 64, 23.035, 70.256

 54, 23.035, 70.256

 44, 23.035, 70.256

 34, 23.035, 70.256

 24, 23.035, 70.256

 14, 23.035, 70.256

 4, 23.035, 70.256

 0, 23.035, 70.256

84, 23.035, 70.256

84, 23.035, 70.256

81, 31.694, 69.026

88, 14.788, 71.490

77, 40.744, 67.782

91, 6.938, 72.682

74, 50.096, 66.515

95, 0.544, 254.748

71, 59.522, 65.177

98, 4.706, 215.587

68, 68.532, 63.644

99, 5.431, 199.183

65, 76.220, 61.662

63, 81.637, 58.959

62, 82.013, 58.767

Harmonies

Complementary

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



84, 23.035, 70.256



81, 21.081, 258.426

Rectangle

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



84, 23.035, 70.256



84, 23.035, 120.256



84, 23.035, 250.256



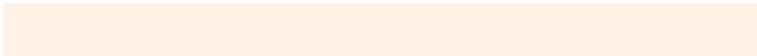
84, 23.035, 300.256

Sweetspot

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



84, 23.035, 70.264



97, 7.091, 72.709



77, 32.052, 345.444



51, 4.945, 72.541



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



84, 23.035, 70.264



87, 29.444, 69.540



93, 35.026, 106.619



48, 4.262, 72.658



49, 67.000, 59.454



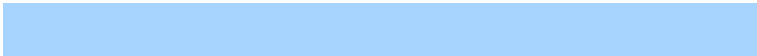
13, 23.422, 59.716

Inverse Universe

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



81, 21.081, 258.426



83, 26.410, 259.649



72, 37.531, 293.160



48, 4.160, 255.149



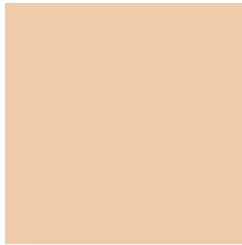
40, 54.811, 282.613



10, 20.849, 274.775

Previews

White Background



This preview shows how the CIELCh color 84, 23.035, 70.256 looks on a white background.

Color Contrast Check

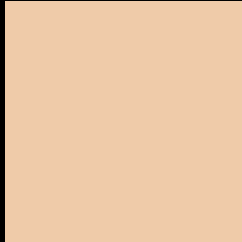
Large Text (above 18pt) WCAG AA × Fail

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 84, 23.035, 70.256 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

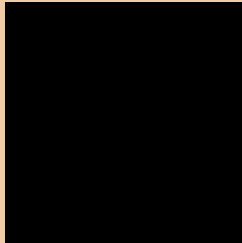
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 23.035, 70.256

Background



This preview shows how black text looks on a background with the CIELCh color 84, 23.035, 70.256.



This preview shows how white text looks on a background with the CIELCh color 84, 23.035, 70.256.

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

84, 23.035, 70.256

Protanopia

84, 20.048, 93.807

Deuteranopia

84, 23.826, 62.911



Tritanopia
84, 19.045, 356.587

Trichromacy



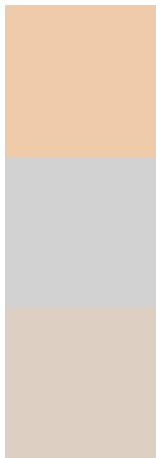
Original Color
84, 23.035, 70.256

Protanomaly
84, 20.652, 84.965

Deuteranomaly
84, 23.318, 65.770

Tritanomaly
84, 16.440, 26.083

Monochromacy



Original Color
84, 23.035, 70.256

Achromatopsia
84, 0.010, 296.813

Achromatomaly
84, 8.381, 73.936

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 23.035, 70.256 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(239, 203, 169)` looks like.

```
.text, #text, p{  
    color:rgb(239, 203, 169)  
}
```

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(239, 203, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 203, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 23.035, 70.256 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(239, 203, 169) }
```

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

```
.border{ border-color:rgb(239, 203, 169) }
```

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

Here you see how a box with a 4 pixel rgb(239, 203, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 203, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 203, 169);  
box-shadow:4px 4px 4px 4px rgb(239, 203,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 23.035, 70.256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 203, 169) }
```

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

```
.background{ background-color: rgb(239,  
203, 169) }
```

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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