

Converting Colors

CIELCh(84, 20.092, 72.088)

Have a look what the booklet for
CIELCh(84, 20.092, 72.088) contains.

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Color

CIELCh(84, 20.025, 71.314)

Conversions

Conversions Part 1

Format	Color
Hex	EBCCAE
RGB	235, 204, 174
RGB Percent	92%, 80%, 68%
CMY	0.0775, 0.1991, 0.3167
CMYK	0.00, 0.13, 0.26, 0.08
HSL	30°, 61%, 80%
HSV	30°, 26%, 92%
XYZ	63.6523, 64.0658, 49.1725
YIQ	209.8490, 28.1060, -2.7580

Conversions

Conversions Part 2

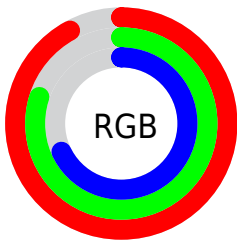
Format	Color
RYB	235, 233, 174
Decimal	15453358
CIELab	84.00, 6.42, 18.97
CIELCh	84, 20.025, 71.314
Yxy	64.0658, 0.3598, 0.3622
Android (android.graphics.Color)	4293643438 (0xFFEBCCAE)
YUV	209.8490, -17.6736, 22.0574
Hunter-Lab	80.0411, 1.8793, 19.6045

Details

The CIELCh color **84, 20.025, 71.314** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **81, 18.586, 258.468**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 12.652, 109.221**, and **64, 20.403, 71.435** is the 20% darker color. If you saturate the color by 10%, you get **81, 28.440, 70.075**, and if you desaturate by 10%, it is **87, 12.006, 72.552**.

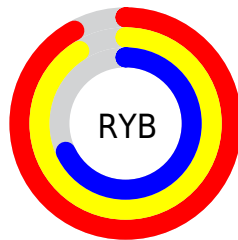
Distribution



Red (92%)

Green (80%)

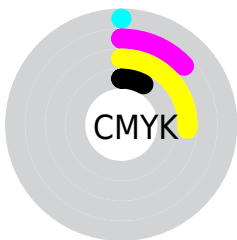
Blue (68%)



Red (92%)

Yellow (91%)

Blue (68%)

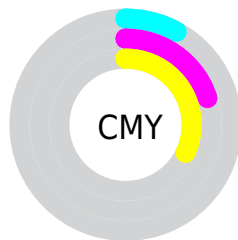


Cyan (0%)

Magenta (13%)

Yellow (26%)

Black (8%)



Cyan (8%)

Magenta (20%)

Yellow (32%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 20.025, 71.314 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, 20.025, 71.314 by changing the saturation by 10% instead.

 84, 20.025, 71.314

 84, 20.025, 71.314

 100, 20.025,
71.314

 74, 20.025, 71.314

 64, 20.025, 71.314

 54, 20.025, 71.314

 44, 20.025, 71.314

 34, 20.025, 71.314

 24, 20.025, 71.314

 14, 20.025, 71.314

 4, 20.025, 71.314

 0, 20.025, 71.314

84, 20.025, 71.314

84, 20.025, 71.314

81, 28.440, 70.075

87, 12.006, 72.552

77, 37.241, 68.819

91, 4.363, 73.718

74, 46.368, 67.545

95, 2.934, 255.163

71, 55.650, 66.218

98, 5.924, 213.884

68, 64.705, 64.748

99, 6.769, 199.075

65, 72.791, 62.934

63, 78.770, 60.425

62, 80.743, 59.297

Harmonies

Complementary

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



84, 20.025, 71.314



81, 18.586, 258.468

Rectangle

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



84, 20.025, 71.314



84, 20.025, 121.314



84, 20.025, 251.314



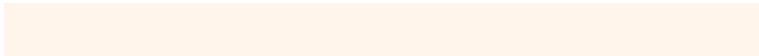
84, 20.025, 301.314

Sweetspot

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



84, 20.025, 71.322



97, 6.311, 73.488



78, 27.982, 345.087



51, 4.502, 73.315



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, 20.025, 71.322



88, 25.883, 70.675



92, 30.681, 106.950



47, 4.203, 73.324



48, 66.119, 59.986



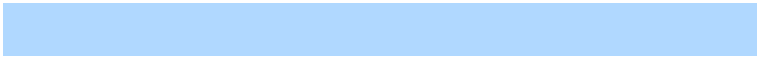
13, 22.179, 60.060

Inverse Universe

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



81, 18.586, 258.468



85, 23.619, 259.487



73, 32.578, 292.648



47, 4.106, 255.822



40, 54.861, 283.186



9, 20.292, 274.937

Previews

White Background



This preview shows how the CIELCh color 84, 20.025, 71.314 looks on a white background.

Color Contrast Check

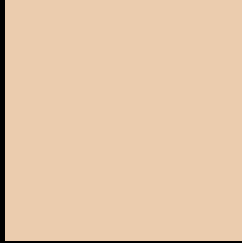
Large Text (above 18pt) WCAG AA × Fail

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, 20.025, 71.314 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

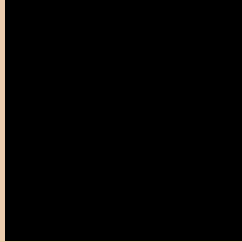
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 20.025, 71.314

Background



This preview shows how black text looks on a background with the CIELCh color 84, 20.025, 71.314.



This preview shows how white text looks on a background with the CIELCh color 84, 20.025, 71.314.

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, 20.025, 71.314

Protanopia

84, 17.411, 93.230

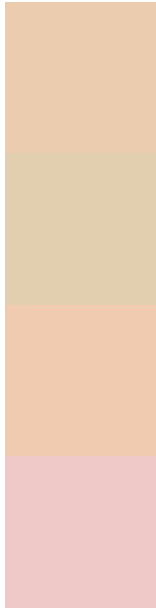
Deuteranopia

84, 21.366, 61.411



Tritanopia
84, 17.000, 353.208

Trichromacy



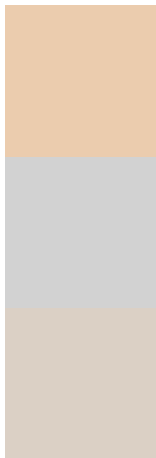
Original Color
84, 20.025, 71.314

Protanomaly
84, 17.902, 84.336

Deuteranomaly
84, 20.839, 64.565

Tritanomaly
84, 13.951, 22.578

Monochromacy



Original Color
84, 20.025, 71.314

Achromatopsia
84, 0.010, 296.813

Achromatomaly
84, 7.075, 74.140

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 20.025, 71.314 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(235, 204, 174)` looks like.

```
.text, #text, p{  
    color:rgb(235, 204, 174)  
}
```

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(235, 204, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 204, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 20.025, 71.314 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(235, 204, 174) }
```

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

```
.border{ border-color:rgb(235, 204, 174) }
```

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

Here you see how a box with a 4 pixel rgb(235, 204, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 204, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 204, 174);  
box-shadow:4px 4px 4px 4px rgb(235, 204,  
174) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 20.025, 71.314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 204, 174) }
```

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

```
.background{ background-color: rgb(235,  
204, 174) }
```

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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