

Converting Colors

CIELCh(84, 20.435, 71.664)

Have a look what the booklet for
CIELCh(84, 20.435, 71.664) contains.

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Color

CIELCh(84, 20.706, 71.250)

Conversions

Conversions Part 1

Format	Color
Hex	ECCCAD
RGB	236, 204, 173
RGB Percent	93%, 80%, 68%
CMY	0.0743, 0.1998, 0.3214
CMYK	0.00, 0.14, 0.27, 0.07
HSL	30°, 62%, 80%
HSV	30°, 27%, 93%
XYZ	63.7571, 64.0658, 48.5620
YIQ	210.0340, 29.0230, -2.8570

Conversions

Conversions Part 2

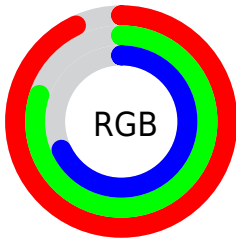
Format	Color
R _Y B	236, 234, 173
Decimal	15518893
CIE Lab	84.00, 6.66, 19.61
CIE LCh	84, 20.706, 71.250
Yxy	64.0658, 0.3615, 0.3632
Android (android.graphics.Color)	4293708973 (0xFFECCCAD)
YUV	210.0340, -18.2578, 22.7722
Hunter-Lab	80.0411, 2.1132, 20.0567

Details

The CIELCh color $84, 20.706, 71.250$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $81, 19.173, 258.643$, and the grayscale version is $84, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 13.158, 109.183$, and $64, 20.403, 71.435$ is the 20% darker color. If you saturate the color by 10%, you get $81, 29.175, 70.009$, and if you desaturate by 10%, it is $87, 12.634, 72.491$.

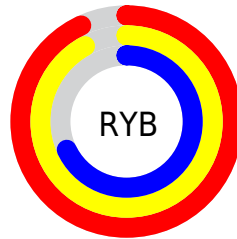
Distribution



Red (93%)

Green (80%)

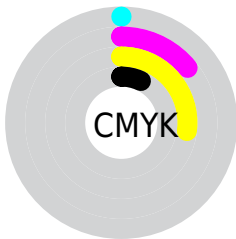
Blue (68%)



Red (93%)

Yellow (92%)

Blue (68%)

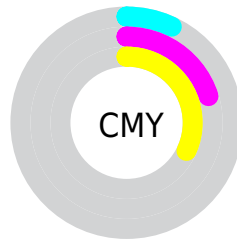


Cyan (0%)

Magenta (14%)

Yellow (27%)

Black (7%)



Cyan (7%)

Magenta (20%)

Yellow (32%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 20.706, 71.250 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, 20.706, 71.250 by changing the saturation by 10% instead.

 84, 20.706, 71.250

 84, 20.706, 71.250

 100, 20.706,
71.250

 74, 20.706, 71.250

 64, 20.706, 71.250

 54, 20.706, 71.250

 44, 20.706, 71.250

 34, 20.706, 71.250

 24, 20.706, 71.250

 14, 20.706, 71.250

 4, 20.706, 71.250

 0, 20.706, 71.250

84, 20.706, 71.250

84, 20.706, 71.250

81, 29.175, 70.009

87, 12.634, 72.491

77, 38.028, 68.751

91, 4.942, 73.669

74, 47.200, 67.474

95, 2.402, 255.137

71, 56.505, 66.139

98, 5.653, 214.925

68, 65.540, 64.650

99, 6.499, 199.096

65, 73.527, 62.796

63, 79.325, 60.222

62, 80.944, 59.313

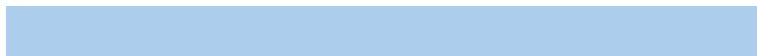
Harmonies

Complementary

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



84, 20.706, 71.250



81, 19.173, 258.643

Rectangle

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



84, 20.706, 71.250



84, 20.706, 121.250



84, 20.706, 251.250



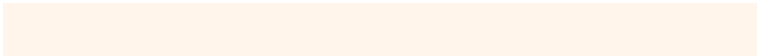
84, 20.706, 301.250

Sweetspot

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



84, 20.706, 71.258



97, 6.312, 73.519



77, 28.886, 345.166



51, 4.503, 73.346



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, 20.706, 71.258



88, 26.787, 70.580



92, 31.648, 106.875



47, 4.204, 73.355



48, 66.111, 60.009



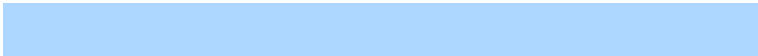
13, 22.179, 60.091

Inverse Universe

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



81, 19.173, 258.643



84, 24.368, 259.727



73, 33.672, 292.761



47, 4.107, 255.854



40, 54.892, 283.215



9, 20.302, 274.969

Previews

White Background



This preview shows how the CIELCh color 84, 20.706, 71.250 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, 20.706, 71.250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

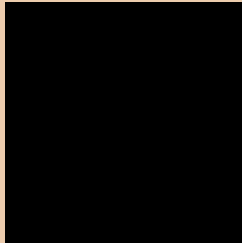
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

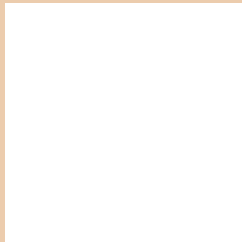
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 20.706, 71.250

Background



This preview shows how black text looks on a background with the CIELCh color 84, 20.706, 71.250.

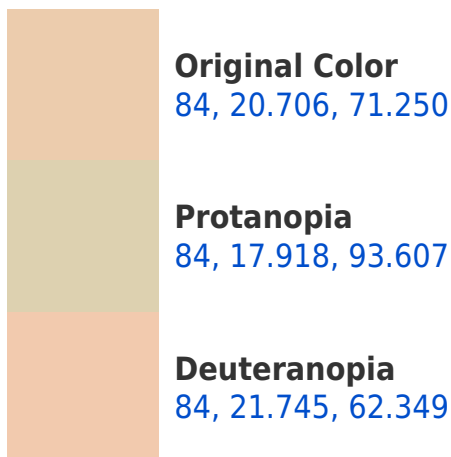



This preview shows how white text looks on a background with the CIELCh color 84, 20.706, 71.250.

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





Tritanopia
84, 17.895, 352.888

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 20.706, 71.250 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(236, 204, 173)` looks like.

```
.text, #text, p{  
    color:rgb(236, 204, 173)  
}
```

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(236, 204, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 204, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 20.706, 71.250 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(236, 204, 173) }
```

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

```
.border{ border-color:rgb(236, 204, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 204, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 204, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 204, 173);  
box-shadow:4px 4px 4px 4px rgb(236, 204,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 20.706, 71.250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 204, 173) }
```

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

```
.background{ background-color: rgb(236,  
204, 173) }
```

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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