

Converting Colors

CIELCh(84, 25.674, 80.311)

Have a look what the booklet for
CIELCh(84, 25.674, 80.311) contains.

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Color

CIELCh(84, 25.674, 80.311)

Conversions

Conversions Part 1

Format	Color
Hex	EBCDA2
RGB	235, 205, 162
RGB Percent	92%, 80%, 64%
CMY	0.0776, 0.1953, 0.3640
CMYK	0.00, 0.13, 0.31, 0.08
HSL	35°, 65%, 78%
HSV	35°, 31%, 92%
XYZ	62.7423, 64.0658, 43.3273
YIQ	209.0680, 31.6830, -7.0130

Conversions

Conversions Part 2

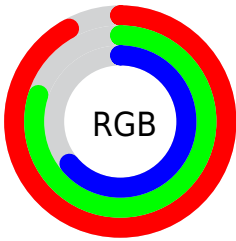
Format	Color
R _Y B	213, 235, 162
Decimal	15453602
CIE Lab	84.00, 4.32, 25.31
CIE LCh	84, 25.674, 80.311
Yxy	64.0658, 0.3688, 0.3766
Android (android.graphics.Color)	4293643682 (0xFFEBCDA2)
YUV	209.0680, -23.2045, 22.7424
Hunter-Lab	80.0411, -0.1501, 23.9343

Details

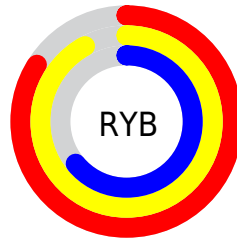
The CIELCh color **84, 25.674, 80.311** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **77, 24.652, 269.436**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 19.210, 108.724**, and **64, 25.679, 80.695** is the 20% darker color. If you saturate the color by 10%, you get **81, 34.467, 78.932**, and if you desaturate by 10%, it is **87, 17.125, 81.666**.

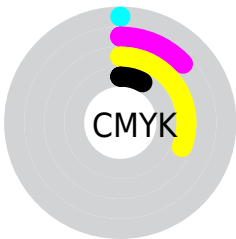
Distribution



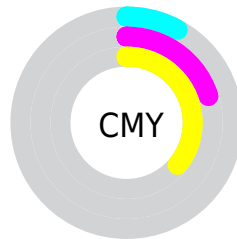
- Red (92%)
- Green (80%)
- Blue (64%)



- Red (84%)
- Yellow (92%)
- Blue (64%)



- Cyan (0%)
- Magenta (13%)
- Yellow (31%)
- Black (8%)



- Cyan (8%)
- Magenta (20%)
- Yellow (36%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 25.674, 80.311 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, 25.674, 80.311 by changing the saturation by 10% instead.

 84, 25.674, 80.311

 84, 25.674, 80.311

 100, 25.674,
80.311

 74, 25.674, 80.311

 64, 25.674, 80.311

 54, 25.674, 80.311

 44, 25.674, 80.311

 34, 25.674, 80.311

 24, 25.674, 80.311

 14, 25.674, 80.311

 4, 25.674, 80.311

 0, 25.674, 80.311

84, 25.674, 80.311

84, 25.674, 80.311

81, 34.467, 78.932

87, 17.125, 81.666

78, 43.434, 77.505

90, 8.840, 82.965

76, 52.418, 76.019

93, 0.814, 83.867

73, 61.094, 74.419

96, 6.389, 262.993

71, 68.863, 72.593

98, 6.307, 205.994

69, 74.791, 70.326

99, 6.783, 199.074

67, 78.134, 67.810

Harmonies

Complementary

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



84, 25.674, 80.311



77, 24.652, 269.436

Rectangle

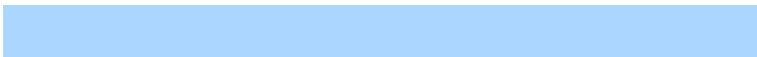
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84, 25.674, 80.311



84, 25.674, 130.311



84, 25.674, 260.311



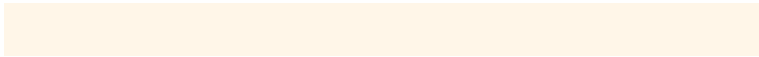
84, 25.674, 310.311

Sweetspot

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



84, 25.675, 80.318



97, 7.665, 83.216



74, 31.701, 351.608



51, 5.340, 83.034



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, 25.675, 80.318



88, 32.985, 79.474



91, 37.262, 110.834



48, 4.525, 83.163



52, 64.143, 68.442



14, 22.522, 70.516

Inverse Universe

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



77, 24.652, 269.436



80, 31.407, 270.756



70, 40.183, 296.764



46, 4.483, 265.728



35, 66.156, 291.574



8, 23.999, 284.214

Previews

White Background



This preview shows how the CIELCh color 84, 25.674, 80.311 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, 25.674, 80.311 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

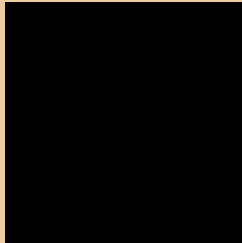
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 25.674, 80.311

Background



This preview shows how black text looks on a background with the CIELCh color 84, 25.674, 80.311.



This preview shows how white text looks on a background with the CIELCh color 84, 25.674, 80.311.

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, 25.674, 80.311

Protanopia

84, 24.205, 94.883

Deuteranopia

84, 27.212, 66.754



Tritanopia
84, 17.895, 352.888

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 25.674, 80.311 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, 205, 162)` looks like.

```
.text, #text, p{  
    color:rgb(235, 205, 162)  
}
```

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, 205, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 205, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 25.674, 80.311 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, 205, 162) }
```

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

```
.border{ border-color:rgb(235, 205, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 205, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 205, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 205, 162);  
box-shadow:4px 4px 4px 4px rgb(235, 205,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 25.674, 80.311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 205, 162) }
```

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

```
.background{ background-color: rgb(235,  
205, 162) }
```

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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