

Converting Colors

CIELCh(80, 29.497, 85.145)

Have a look what the booklet for
CIELCh(80, 29.497, 85.145) contains.

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Color

CIELCh(80, 29.423, 84.752)

Conversions

Conversions Part 1

Format	Color
Hex	DFC390
RGB	223, 195, 144
RGB Percent	87%, 76%, 56%
CMY	0.1258, 0.2356, 0.4356
CMYK	0.00, 0.13, 0.35, 0.13
HSL	39°, 55%, 72%
HSV	39°, 35%, 87%
XYZ	54.9319, 56.6813, 34.4009
YIQ	197.5580, 33.0590, -9.9250

Conversions

Conversions Part 2

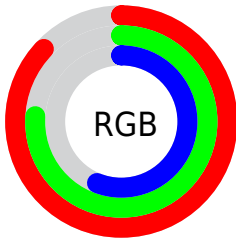
Format	Color
R _Y B	187, 223, 144
Decimal	14664592
CIE Lab	80.00, 2.69, 29.30
CIE LCh	80, 29.423, 84.752
Yxy	56.6813, 0.3762, 0.3882
Android (android.graphics.Color)	4292854672 (0xFFDFC390)
YUV	197.5580, -26.4041, 22.3126
Hunter-Lab	75.2870, -1.5127, 25.6095

Details

The CIELCh color $80, 29.423, 84.752$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $70, 28.925, 275.225$, and the grayscale version is $80, 0.010, 296.813$.

A 20% lighter version of the original color is $98, 26.847, 104.882$, and $60, 29.375, 83.893$ is the 20% darker color. If you saturate the color by 10%, you get $78, 38.080, 83.357$, and if you desaturate by 10%, it is $82, 20.886, 86.116$.

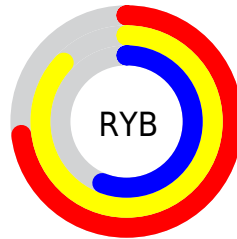
Distribution



Red (87%)

Green (76%)

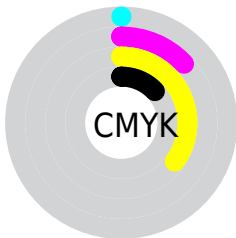
Blue (56%)



Red (73%)

Yellow (87%)

Blue (56%)

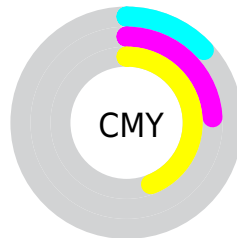


Cyan (0%)

Magenta (13%)

Yellow (35%)

Black (13%)



Cyan (13%)

Magenta (24%)

Yellow (44%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 29.423, 84.752 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 80, 29.423, 84.752 by changing the saturation by 10% instead.

 80, 29.423, 84.752

 80, 29.423, 84.752

 100, 29.423,
84.752

 70, 29.423, 84.752

 60, 29.423, 84.752

 50, 29.423, 84.752

 40, 29.423, 84.752

 30, 29.423, 84.752

 20, 29.423, 84.752

 10, 29.423, 84.752

 0, 29.423, 84.752

 80, 29.423, 84.752

 80, 29.423, 84.752

78, 38.080, 83.357

82, 20.886, 86.116

75, 46.733, 81.907

85, 12.522, 87.430

73, 55.145, 80.383

87, 4.350, 88.669

71, 62.877, 78.726

90, 3.628, 270.042

69, 69.210, 76.813

93, 11.236,
270.800

67, 73.250, 74.443

95, 9.136, 244.813

66, 74.532, 73.253

97, 9.496, 213.885

98, 10.854,
198.782

Harmonies

Complementary

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



80, 29.423, 84.752



70, 28.925, 275.225

Rectangle

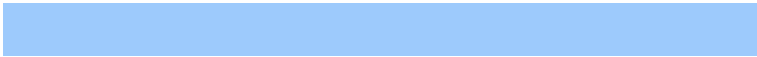
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



80, 29.423, 84.752



80, 29.423, 134.752



80, 29.423, 264.752



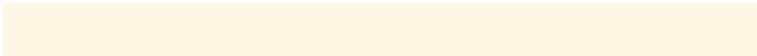
80, 29.423, 314.752

Sweetspot

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



80, 29.424, 84.758



97, 9.898, 87.984



68, 33.911, 355.464



51, 6.662, 87.812



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



80, 29.424, 84.758



88, 40.122, 83.656



86, 40.717, 112.682



46, 4.596, 88.188



53, 62.453, 73.779



13, 20.542, 76.385

Inverse Universe

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



70, 28.925, 275.225



75, 39.358, 277.019



63, 44.372, 298.934



44, 4.584, 270.693



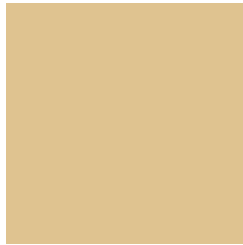
31, 71.303, 295.247



6, 23.472, 285.539

Previews

White Background



This preview shows how the CIELCh color 80, 29.423, 84.752 looks on a white background.

Color Contrast Check

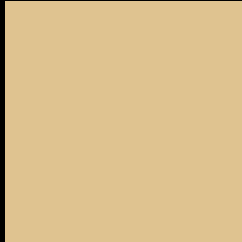
Large Text (above 18pt) WCAG AA × Fail

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 80, 29.423, 84.752 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

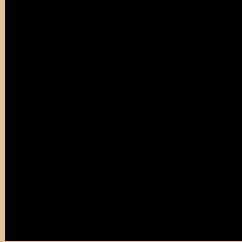
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 80, 29.423, 84.752

Background



This preview shows how black text looks on a background with the CIELCh color 80, 29.423, 84.752.



This preview shows how white text looks on a background with the CIELCh color 80, 29.423, 84.752.

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

80, 29.423, 84.752

Protanopia

80, 28.630, 95.330

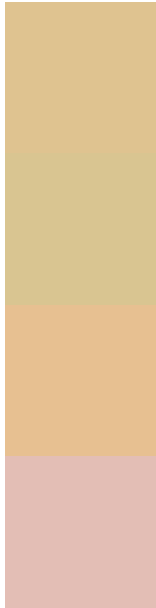
Deuteranopia

80, 30.554, 70.615



Tritanopia
80, 17.521, 353.916

Trichromacy



Original Color
80, 29.423, 84.752

Protanomaly
80, 28.686, 91.159

Deuteranomaly
80, 29.867, 75.416

Tritanomaly
80, 15.137, 38.705

Monochromacy



Original Color
80, 29.423, 84.752

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 10.291, 87.439

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 29.423, 84.752 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(223, 195, 144)` looks like.

```
.text, #text, p{  
    color:rgb(223, 195, 144)  
}
```

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(223, 195, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 195, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 29.423, 84.752 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(223, 195, 144) }
```

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

```
.border{ border-color:rgb(223, 195, 144) }
```

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

Here you see how a box with a 4 pixel rgb(223, 195, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 195, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 195, 144);  
box-shadow:4px 4px 4px 4px rgb(223, 195,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 29.423, 84.752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 195, 144) }
```

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

```
.background{ background-color: rgb(223,  
195, 144) }
```

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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