

Converting Colors

CIELCh(80, 28.638, 71.807)

Have a look what the booklet for
CIELCh(80, 28.638, 71.807) contains.

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Color

CIELCh(80, 28.590, 72.100)

Conversions

Conversions Part 1

Format	Color
Hex	E8BF94
RGB	232, 191, 148
RGB Percent	91%, 75%, 58%
CMY	0.0894, 0.2502, 0.4189
CMYK	0.00, 0.18, 0.36, 0.09
HSL	31°, 65%, 75%
HSV	31°, 36%, 91%
XYZ	57.3795, 56.6813, 36.0115
YIQ	198.3570, 38.2390, -4.6810

Conversions

Conversions Part 2

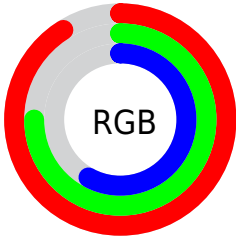
Format	Color
R _Y B	228, 232, 148
Decimal	15253396
CIE Lab	80.00, 8.79, 27.21
CIE LCh	80, 28.590, 72.100
Yxy	56.6813, 0.3823, 0.3777
Android (android.graphics.Color)	4293443476 (0xFFE8BF94)
YUV	198.3570, -24.8260, 29.5049
Hunter-Lab	75.2870, 4.2904, 24.3411

Details

The CIELCh color **80, 28.590, 72.100** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **75, 25.999, 262.794**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 23.047, 100.874**, and **60, 28.615, 72.483** is the 20% darker color. If you saturate the color by 10%, you get **77, 37.306, 70.803**, and if you desaturate by 10%, it is **83, 20.222, 73.392**.

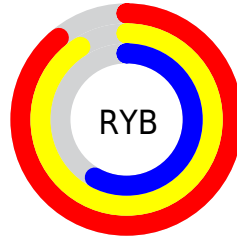
Distribution



Red (91%)

Green (75%)

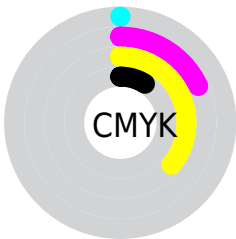
Blue (58%)



Red (89%)

Yellow (91%)

Blue (58%)

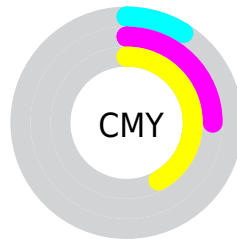


Cyan (0%)

Magenta (18%)

Yellow (36%)

Black (9%)



Cyan (9%)

Magenta (25%)

Yellow (42%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 28.590, 72.100 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, 28.590, 72.100 by changing the saturation by 10% instead.

 80, 28.590, 72.100

 80, 28.590, 72.100

 100, 28.590,
72.100

 70, 28.590, 72.100

 60, 28.590, 72.100

 50, 28.590, 72.100

 40, 28.590, 72.100

 30, 28.590, 72.100

 20, 28.590, 72.100

 10, 28.590, 72.100

 0, 28.590, 72.100

 80, 28.590, 72.100

 80, 28.590, 72.100

77, 37.306, 70.803

83, 20.222, 73.392

74, 46.300, 69.472

87, 12.217, 74.655

71, 55.388, 68.079

90, 4.561, 75.854

68, 64.176, 66.533

93, 2.772, 257.311

65, 71.916, 64.637

97, 6.413, 233.979

63, 77.511, 62.059

98, 7.786, 198.998

62, 79.260, 60.988

Harmonies

Complementary

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



80, 28.590, 72.100



75, 25.999, 262.794

Rectangle

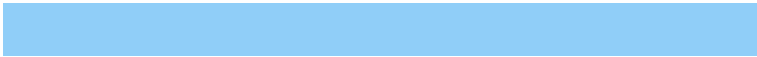
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



80, 28.590, 72.100



80, 28.590, 122.100



80, 28.590, 252.100



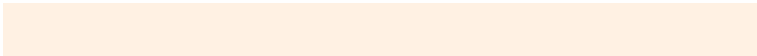
80, 28.590, 302.100

Sweetspot

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



80, 28.590, 72.106



96, 8.856, 75.285



71, 38.318, 347.183



51, 5.969, 75.120



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, 28.590, 72.106



85, 37.237, 71.191



90, 42.687, 106.676



47, 4.259, 75.475



49, 65.585, 61.643



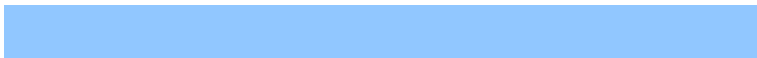
13, 22.186, 62.220

Inverse Universe

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



75, 25.999, 262.794



78, 33.179, 264.482



64, 46.799, 294.914



47, 4.173, 258.007



39, 57.107, 285.151



9, 21.015, 277.091

Previews

White Background



This preview shows how the CIELCh color 80, 28.590, 72.100 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, 28.590, 72.100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

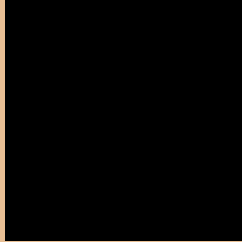
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 80, 28.590, 72.100

Background



This preview shows how black text looks on a background with the CIELCh color 80, 28.590, 72.100.



This preview shows how white text looks on a background with the CIELCh color 80, 28.590, 72.100.

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, 28.590, 72.100

Protanopia

80, 25.471, 95.129

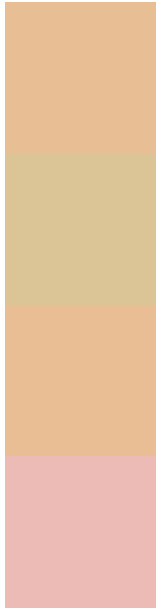
Deuteranopia

80, 28.980, 69.614



Tritanopia
80, 21.728, 359.903

Trichromacy



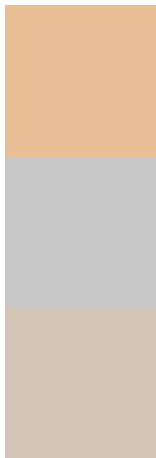
Original Color
80, 28.590, 72.100

Protanomaly
80, 26.126, 87.052

Deuteranomaly
80, 28.709, 70.243

Tritanomaly
80, 19.361, 30.253

Monochromacy



Original Color
80, 28.590, 72.100

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 9.811, 73.645

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 28.590, 72.100 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(232, 191, 148)` looks like.

```
.text, #text, p{  
    color:rgb(232, 191, 148)  
}
```

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(232, 191, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 191, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 28.590, 72.100 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(232, 191, 148) }
```

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

```
.border{ border-color:rgb(232, 191, 148) }
```

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

Here you see how a box with a 4 pixel rgb(232, 191, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 191, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 191, 148);  
box-shadow:4px 4px 4px 4px rgb(232, 191,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 28.590, 72.100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 191, 148) }
```

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

```
.background{ background-color: rgb(232,  
191, 148) }
```

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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