

Converting Colors

CIELCh(80, 29.501, 71.641)

Have a look what the booklet for
CIELCh(80, 29.501, 71.641) contains.

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Color

CIELCh(80, 29.291, 71.980)

Conversions

Conversions Part 1

Format	Color
Hex	E9BF93
RGB	233, 191, 147
RGB Percent	91%, 75%, 58%
CMY	0.0863, 0.2510, 0.4236
CMYK	0.00, 0.18, 0.37, 0.09
HSL	31°, 66%, 75%
HSV	31°, 37%, 91%
XYZ	57.4911, 56.6813, 35.5076
YIQ	198.5420, 39.1560, -4.7800

Conversions

Conversions Part 2

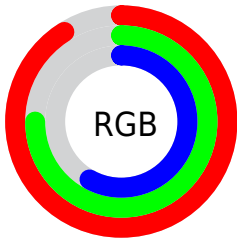
Format	Color
R _Y B	229, 233, 147
Decimal	15318931
CIE Lab	80.00, 9.06, 27.85
CIE LCh	80, 29.291, 71.980
Yxy	56.6813, 0.3841, 0.3787
Android (android.graphics.Color)	4293509011 (0xFFE9BF93)
YUV	198.5420, -25.4102, 30.2197
Hunter-Lab	75.2870, 4.5550, 24.7379

Details

The CIELCh color **80, 29.291, 71.980** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **75, 26.575, 262.935**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 23.548, 100.986**, and **60, 29.363, 72.301** is the 20% darker color. If you saturate the color by 10%, you get **77, 38.055, 70.681**, and if you desaturate by 10%, it is **83, 20.874, 73.273**.

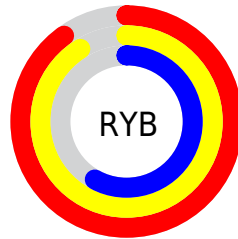
Distribution



Red (91%)

Green (75%)

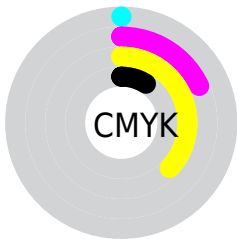
Blue (58%)



Red (90%)

Yellow (91%)

Blue (58%)

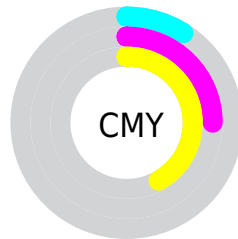


Cyan (0%)

Magenta (18%)

Yellow (37%)

Black (9%)



Cyan (9%)

Magenta (25%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 29.291, 71.980 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, 29.291, 71.980 by changing the saturation by 10% instead.

80, 29.291, 71.980

80, 29.291, 71.980

100, 29.291,
71.980

70, 29.291, 71.980

60, 29.291, 71.980

50, 29.291, 71.980

40, 29.291, 71.980

30, 29.291, 71.980

20, 29.291, 71.980

10, 29.291, 71.980

0, 29.291, 71.980

80, 29.291, 71.980

80, 29.291, 71.980

77, 38.055, 70.681

83, 20.874, 73.273

74, 47.088, 69.348

87, 12.821, 74.538

71, 56.197, 67.949

90, 5.121, 75.747

68, 64.964, 66.385

93, 2.253, 257.231

65, 72.608, 64.452

97, 6.201, 235.327

63, 78.043, 61.818

98, 7.527, 199.017

62, 79.470, 60.960

Harmonies

Complementary

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



80, 29.291, 71.980



75, 26.575, 262.935

Rectangle

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



80, 29.291, 71.980



80, 29.291, 121.980



80, 29.291, 251.980



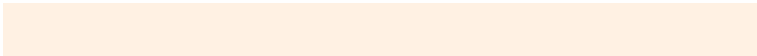
80, 29.291, 301.980

Sweetspot

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



80, 29.291, 71.986



96, 8.854, 75.259



71, 39.192, 347.273



51, 5.968, 75.094



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, 29.291, 71.986



84, 38.183, 71.035



91, 43.634, 106.606



47, 4.258, 75.449



49, 65.591, 61.623



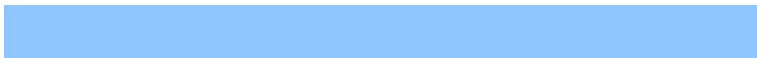
13, 22.186, 62.194

Inverse Universe

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



75, 26.575, 262.935



78, 33.916, 264.713



64, 47.948, 295.042



47, 4.172, 257.981



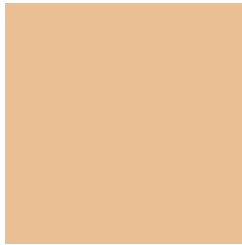
39, 57.080, 285.128



9, 21.006, 277.066

Previews

White Background



This preview shows how the CIELCh color 80, 29.291, 71.980 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 CIE LCh color 80, 29.291, 71.980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

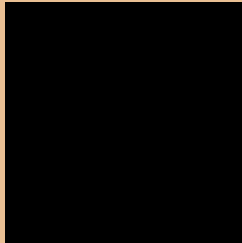
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 80, 29.291, 71.980

Background



This preview shows how black text looks on a background with the CIELCh color 80, 29.291, 71.980.



This preview shows how white text looks on a background with the CIELCh color 80, 29.291, 71.980.

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, 29.291, 71.980

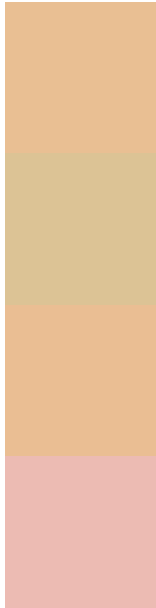
Protanopia
80, 25.983, 95.317

Deuteranopia
80, 29.684, 69.554



Tritanopia
80, 21.578, 1.235

Trichromacy



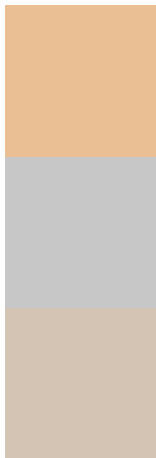
Original Color
80, 29.291, 71.980

Protanomaly
80, 26.470, 85.385

Deuteranomaly
80, 29.413, 70.168

Tritanomaly
80, 19.651, 33.218

Monochromacy



Original Color
80, 29.291, 71.980

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 10.253, 75.290

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 29.291, 71.980 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(233, 191, 147)` looks like.

```
.text, #text, p{  
    color:rgb(233, 191, 147)  
}
```

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(233, 191, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 191, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 29.291, 71.980 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(233, 191, 147) }
```

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

```
.border{ border-color:rgb(233, 191, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 191, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 191, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 191, 147);  
box-shadow:4px 4px 4px 4px rgb(233, 191,  
147) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 29.291, 71.980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 191, 147) }
```

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

```
.background{ background-color: rgb(233,  
191, 147) }
```

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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