

Converting Colors

CIELCh(80, 19.601, 71.219)

Have a look what the booklet for
CIELCh(80, 19.601, 71.219) contains.

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Color

CIELCh(80, 19.579, 71.233)

Conversions

Conversions Part 1

Format	Color
Hex	DFC1A4
RGB	223, 193, 164
RGB Percent	87%, 76%, 64%
CMY	0.1244, 0.2421, 0.3558
CMYK	0.00, 0.13, 0.26, 0.12
HSL	29°, 48%, 76%
HSV	29°, 26%, 88%
XYZ	56.3718, 56.6813, 43.2153
YIQ	198.6640, 27.1890, -2.6590

Conversions

Conversions Part 2

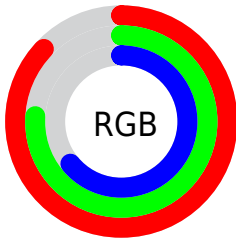
Format	Color
R _Y B	223, 221, 164
Decimal	14664100
CIE Lab	80.00, 6.30, 18.54
CIE LCh	80, 19.579, 71.233
Yxy	56.6813, 0.3607, 0.3627
Android (android.graphics.Color)	4292854180 (0xFFDFC1A4)
YUV	198.6640, -17.0894, 21.3427
Hunter-Lab	75.2870, 1.9012, 18.6680

Details

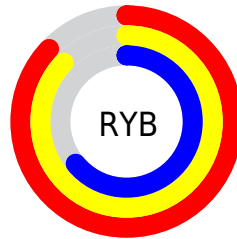
The CIELCh color **80, 19.579, 71.233** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **77, 18.145, 258.515**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 15.389, 100.743**, and **60, 19.698, 72.327** is the 20% darker color. If you saturate the color by 10%, you get **77, 27.660, 69.998**, and if you desaturate by 10%, it is **83, 11.877, 72.468**.

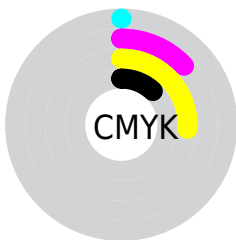
Distribution



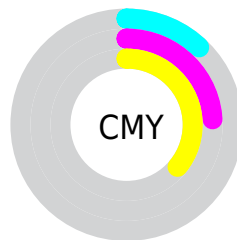
- Red (87%)
- Green (76%)
- Blue (64%)



- Red (87%)
- Yellow (87%)
- Blue (64%)



- Cyan (0%)
- Magenta (13%)
- Yellow (26%)
- Black (12%)



- Cyan (12%)
- Magenta (24%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 19.579, 71.233 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, 19.579, 71.233 by changing the saturation by 10% instead.

80, 19.579, 71.233

80, 19.579, 71.233

100, 19.579,
71.233

70, 19.579, 71.233

60, 19.579, 71.233

50, 19.579, 71.233

40, 19.579, 71.233

30, 19.579, 71.233

20, 19.579, 71.233

10, 19.579, 71.233

0, 19.579, 71.233

80, 19.579, 71.233

80, 19.579, 71.233

77, 27.660, 69.998

83, 11.877, 72.468

74, 36.109, 68.746

87, 4.536, 73.637

71, 44.867, 67.475

90, 2.472, 255.093

68, 53.765, 66.151

94, 9.181, 256.143

65, 62.433, 64.681

97, 9.344, 214.755

62, 70.151, 62.861

98, 10.735,
198.790

60, 75.845, 60.348

59, 77.584, 59.399

Harmonies

Complementary

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



80, 19.579, 71.233



77, 18.145, 258.515

Rectangle

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



80, 19.579, 71.233



80, 19.579, 121.233



80, 19.579, 251.233



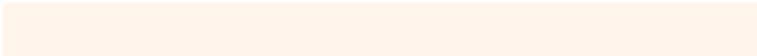
80, 19.579, 301.233

Sweetspot

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



80, 19.579, 71.241



97, 6.310, 73.458



74, 27.340, 345.130



51, 4.501, 73.285



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, 19.579, 71.241



88, 26.781, 70.521



87, 29.964, 106.909



45, 4.051, 73.299



47, 64.711, 60.050



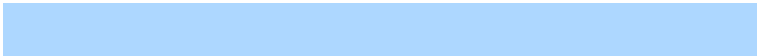
11, 19.647, 59.284

Inverse Universe

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



77, 18.145, 258.515



84, 24.354, 259.664



70, 31.852, 292.710



45, 3.958, 255.785



38, 53.570, 283.054



8, 18.704, 273.727

Previews

White Background



This preview shows how the CIELCh color 80, 19.579, 71.233 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, 19.579, 71.233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

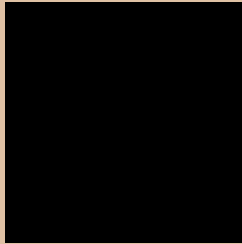
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

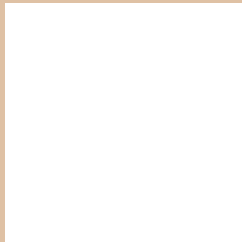
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 80, 19.579, 71.233

Background



This preview shows how black text looks on a background with the CIELCh color 80, 19.579, 71.233.



This preview shows how white text looks on a background with the CIELCh color 80, 19.579, 71.233.

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, 19.579, 71.233

Protanopia

80, 16.974, 93.986

Deuteranopia

80, 20.645, 61.759



Tritanopia
80, 16.618, 354.298

Trichromacy



Original Color
80, 19.579, 71.233

Protanomaly
80, 17.441, 84.746

Deuteranomaly
80, 20.121, 65.070

Tritanomaly
80, 13.787, 24.844

Monochromacy



Original Color
80, 19.579, 71.233

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 7.152, 74.082

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 19.579, 71.233 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, 193, 164)` looks like.

```
.text, #text, p{  
    color:rgb(223, 193, 164)  
}
```

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, 193, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 193, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 19.579, 71.233 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, 193, 164) }
```

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

```
.border{ border-color:rgb(223, 193, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 193, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 193, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 193, 164);  
box-shadow:4px 4px 4px 4px rgb(223, 193,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 19.579, 71.233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 193, 164) }
```

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

```
.background{ background-color: rgb(223,  
193, 164) }
```

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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