

Converting Colors

CIELCh(80, 6.343, 73.757)

Have a look what the booklet for
CIELCh(80, 6.343, 73.757) contains.

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Color

CIELCh(80, 6.494, 74.189)

Conversions

Conversions Part 1

Format	Color
Hex	CFC5BB
RGB	207, 197, 187
RGB Percent	81%, 77%, 73%
CMY	0.1889, 0.2281, 0.2673
CMYK	0.00, 0.05, 0.10, 0.19
HSL	30°, 17%, 77%
HSV	30°, 10%, 81%
XYZ	54.5679, 56.6813, 54.9874
YIQ	198.8500, 9.1700, -0.9900

Conversions

Conversions Part 2

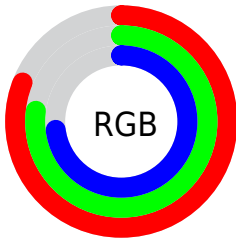
Format	Color
R _Y B	207, 207, 187
Decimal	13616571
CIE Lab	80.00, 1.77, 6.25
CIE LCh	80, 6.494, 74.189
Yxy	56.6813, 0.3283, 0.3410
Android (android.graphics.Color)	4291806651 (0xFFCFC5BB)
YUV	198.8500, -5.8420, 7.1476
Hunter-Lab	75.2870, -2.3756, 9.3972

Details

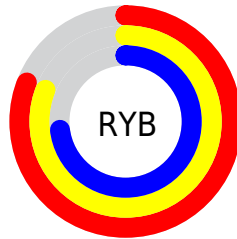
The CIELCh color $80, 6.494, 74.189$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $79, 6.350, 256.756$, and the grayscale version is $80, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 5.578, 106.093$, and $60, 6.462, 71.033$ is the 20% darker color. If you saturate the color by 10%, you get $77, 13.527, 73.002$, and if you desaturate by 10%, it is $83, 0.226, 257.152$.

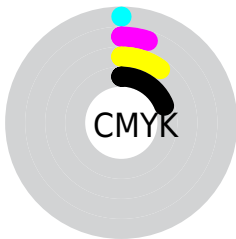
Distribution



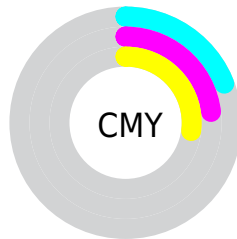
- Red (81%)
- Green (77%)
- Blue (73%)



- Red (81%)
- Yellow (81%)
- Blue (73%)



- Cyan (0%)
- Magenta (5%)
- Yellow (10%)
- Black (19%)



- Cyan (19%)
- Magenta (23%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 6.494, 74.189 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, 6.494, 74.189 by changing the saturation by 10% instead.

■ 80, 6.494, 74.189

■ 80, 6.494, 74.189

■ 100, 6.494, 74.189

■ 70, 6.494, 74.189

■ 60, 6.494, 74.189

■ 50, 6.494, 74.189

■ 40, 6.494, 74.189

■ 30, 6.494, 74.189

■ 20, 6.494, 74.189

■ 10, 6.494, 74.189

■ 0, 6.494, 74.189

■ 80, 6.494, 74.189

■ 80, 6.494, 74.189

77, 13.527, 73.002

83, 0.226, 257.152

74, 20.895, 71.759

86, 6.662, 256.723

71, 28.605, 70.499

90, 12.845,
257.843

68, 36.637, 69.226

92, 13.343,
239.693

65, 44.905, 67.925

62, 53.206, 66.546

95, 14.136,
212.263

60, 61.109, 64.976

97, 15.991,
198.443

57, 67.832, 62.975

55, 72.742, 60.377

Harmonies

Complementary

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



80, 6.494, 74.189



79, 6.350, 256.756

Rectangle

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



80, 6.494, 74.189



80, 6.494, 124.189



80, 6.494, 254.189



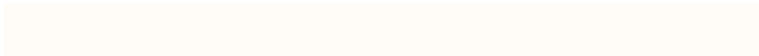
80, 6.494, 304.189

Sweetspot

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



80, 6.495, 74.210



99, 2.347, 74.888



78, 9.159, 344.413



53, 1.784, 74.830



0, 0.000, 0.000



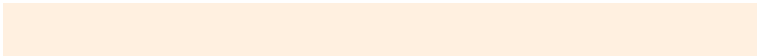
53, 0.007, 296.813

Same Dimension

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



80, 6.495, 74.210



96, 9.610, 73.917



83, 10.528, 109.246



42, 3.843, 74.239



45, 62.353, 60.891



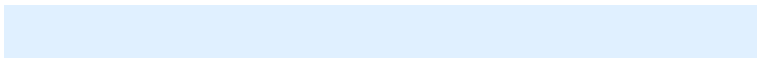
9, 15.703, 58.648

Inverse Universe

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



79, 6.350, 256.756



94, 9.328, 257.100



76, 10.768, 291.179



42, 3.760, 256.722



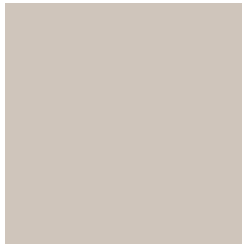
36, 52.565, 283.751



6, 16.210, 272.065

Previews

White Background



This preview shows how the CIELCh color 80, 6.494, 74.189 looks on a white background.

Color Contrast Check

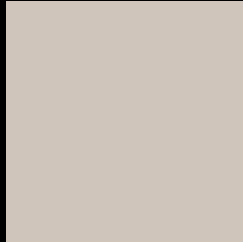
Large Text (above 18pt) WCAG AA × Fail

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, 6.494, 74.189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

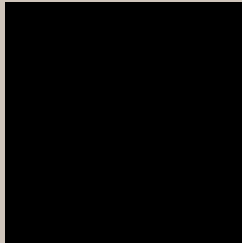
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

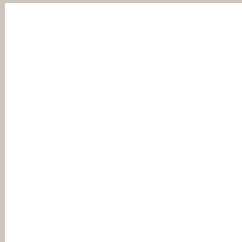
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 80, 6.494, 74.189

Background



This preview shows how black text looks on a background with the CIELCh color 80, 6.494, 74.189.

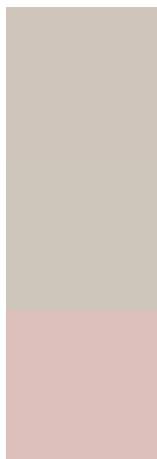


This preview shows how white text looks on a background with the CIELCh color 80, 6.494, 74.189.

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, 6.494, 74.189

Protanopia

80, 6.386, 85.275

Deuteranopia

80, 11.242, 31.036



Tritanopia
80, 9.924, 326.565

Trichromacy



Original Color
80, 6.494, 74.189

Protanomaly
80, 6.550, 82.247

Deuteranomaly
80, 8.928, 40.771

Tritanomaly
80, 6.084, 348.202

Monochromacy



Original Color
80, 6.494, 74.189

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 2.157, 66.740

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 6.494, 74.189 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(207, 197, 187)` looks like.

```
.text, #text, p{  
    color:rgb(207, 197, 187)  
}
```

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(207, 197, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 197, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 6.494, 74.189 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(207, 197, 187) }
```

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

```
.border{ border-color:rgb(207, 197, 187) }
```

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

Here you see how a box with a 4 pixel rgb(207, 197, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 197, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 197, 187);  
box-shadow:4px 4px 4px 4px rgb(207, 197,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 6.494, 74.189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 197, 187) }
```

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

```
.background{ background-color: rgb(207,  
197, 187) }
```

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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