

Converting Colors

CIELCh(79, 9.892, 80.902)

Have a look what the booklet for
CIELCh(79, 9.892, 80.902) contains.

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Color

CIELCh(79, 9.667, 80.982)

Conversions

Conversions Part 1

Format	Color
Hex	CEC2B2
RGB	206, 194, 178
RGB Percent	81%, 76%, 70%
CMY	0.1921, 0.2391, 0.3019
CMYK	0.00, 0.06, 0.14, 0.19
HSL	34°, 22%, 75%
HSV	34°, 14%, 81%
XYZ	52.7895, 54.9284, 49.9469
YIQ	195.7640, 12.2880, -2.4320

Conversions

Conversions Part 2

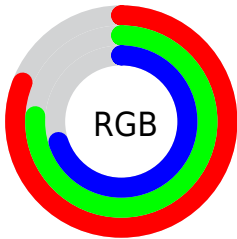
Format	Color
RYB	199, 206, 178
Decimal	13550258
CIELab	79.00, 1.52, 9.55
CIELCh	79, 9.667, 80.982
Yxy	54.9284, 0.3348, 0.3484
Android (android.graphics.Color)	4291740338 (0xFFCEC2B2)
YUV	195.7640, -8.7577, 8.9770
Hunter-Lab	74.1137, -2.5574, 11.9227

Details

The CIELCh color $79, 9.667, 80.982$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $77, 9.487, 264.660$, and the grayscale version is $79, 0.010, 296.813$.

A 20% lighter version of the original color is $98, 8.310, 97.025$, and $59, 9.810, 78.954$ is the 20% darker color. If you saturate the color by 10%, you get $76, 17.081, 79.698$, and if you desaturate by 10%, it is $82, 2.505, 82.177$.

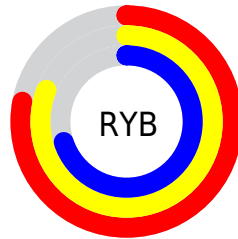
Distribution



Red (81%)

Green (76%)

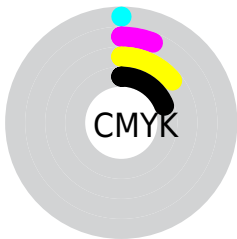
Blue (70%)



Red (78%)

Yellow (81%)

Blue (70%)

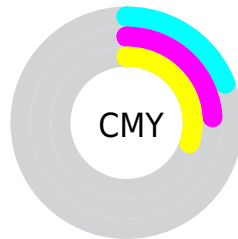


Cyan (0%)

Magenta (6%)

Yellow (14%)

Black (19%)



Cyan (19%)

Magenta (24%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 9.667, 80.982 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 79, 9.667, 80.982 by changing the saturation by 10% instead.

 79, 9.667, 80.982  79, 9.667, 80.982

 100, 9.667, 80.982  69, 9.667, 80.982

 99, 9.667, 80.982  59, 9.667, 80.982

 49, 9.667, 80.982

 39, 9.667, 80.982

 29, 9.667, 80.982

 19, 9.667, 80.982

 9, 9.667, 80.982

 0, 9.667, 80.982

 79, 9.667, 80.982  79, 9.667, 80.982

76, 17.081, 79.698

82, 2.505, 82.177

74, 24.749, 78.360

85, 4.422, 263.610

71, 32.649, 76.988

87, 11.132,
264.756

69, 40.716, 75.577

90, 15.207,
260.809

66, 48.793, 74.101

64, 56.563, 72.497

92, 13.544,
239.080

61, 63.442, 70.631

95, 14.073,
215.755

59, 68.554, 68.259

58, 70.952, 66.510

97, 16.247,
198.426

Harmonies

Complementary

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



79, 9.667, 80.982



77, 9.487, 264.660

Rectangle

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



79, 9.667, 80.982



79, 9.667, 130.982



79, 9.667, 260.982



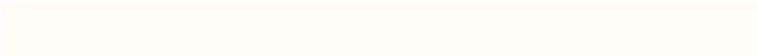
79, 9.667, 310.982

Sweetspot

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



79, 9.668, 80.996



99, 3.322, 82.134



75, 12.356, 348.602



52, 2.365, 82.056



0, 0.000, 0.000



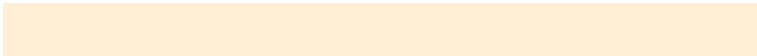
53, 0.007, 296.813

Same Dimension

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



79, 9.668, 80.996



95, 13.596, 80.662



82, 14.765, 111.633



42, 3.973, 81.521



47, 60.266, 67.105



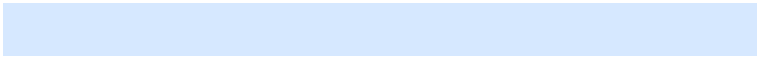
9, 14.541, 67.104

Inverse Universe

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



77, 9.487, 264.660



91, 13.282, 265.063



74, 15.227, 294.085



41, 3.927, 264.051



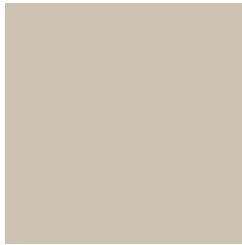
32, 59.587, 289.966



5, 16.494, 276.732

Previews

White Background



This preview shows how the CIELCh color 79, 9.667, 80.982 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 79, 9.667, 80.982 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

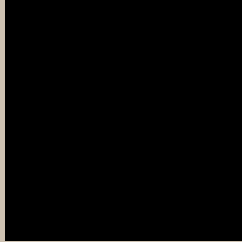
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 9.667, 80.982

Background



This preview shows how black text looks on a background with the CIELCh color 79, 9.667, 80.982.

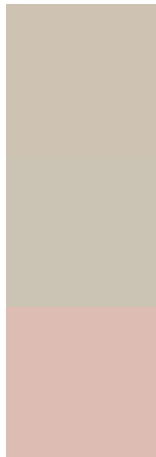


This preview shows how white text looks on a background with the CIELCh color 79, 9.667, 80.982.

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


79, 9.667, 80.982

Protanopia

79, 9.028, 89.632

Deuteranopia

79, 13.513, 43.310



Tritanopia
79, 10.885, 332.927

Trichromacy



Original Color
79, 9.667, 80.982

Protanomaly
79, 9.164, 87.367

Deuteranomaly
79, 11.585, 53.273

Tritanomaly
79, 7.038, 2.307

Monochromacy



Original Color
79, 9.667, 80.982

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 3.681, 79.404

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 9.667, 80.982 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(206, 194, 178)` looks like.

```
.text, #text, p{  
    color:rgb(206, 194, 178)  
}
```

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(206, 194, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 194, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 9.667, 80.982 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(206, 194, 178) }
```

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

```
.border{ border-color:rgb(206, 194, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 194, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 194, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 194, 178);  
box-shadow:4px 4px 4px 4px rgb(206, 194,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 9.667, 80.982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 194, 178) }
```

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

```
.background{ background-color: rgb(206,  
194, 178) }
```

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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