

Converting Colors

CIELCh(80, 10.955, 70.255)

Have a look what the booklet for
CIELCh(80, 10.955, 70.255) contains.

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Color

CIELCh(80, 10.966, 70.247)

Conversions

Conversions Part 1

Format	Color
Hex	D5C3B3
RGB	213, 195, 179
RGB Percent	84%, 76%, 70%
CMY	0.1631, 0.2337, 0.2965
CMYK	0.00, 0.08, 0.16, 0.16
HSL	28°, 29%, 77%
HSV	28°, 16%, 84%
XYZ	55.3344, 56.6813, 50.8763
YIQ	198.5580, 15.8640, -1.1600

Conversions

Conversions Part 2

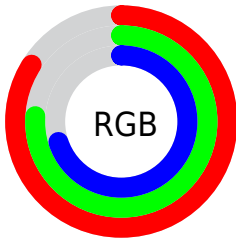
Format	Color
R _Y B	213, 209, 179
Decimal	14009267
CIE Lab	80.00, 3.71, 10.32
CIE LCh	80, 10.966, 70.247
Yxy	56.6813, 0.3397, 0.3480
Android (android.graphics.Color)	4292199347 (0xFFD5C3B3)
YUV	198.5580, -9.6421, 12.6656
Hunter-Lab	75.2870, -0.5583, 12.6348

Details

The CIELCh color $80, 10.966, 70.247$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $79, 10.447, 254.352$, and the grayscale version is $80, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 8.681, 102.373$, and $60, 11.011, 69.592$ is the 20% darker color. If you saturate the color by 10%, you get $77, 18.321, 69.081$, and if you desaturate by 10%, it is $83, 3.980, 71.380$.

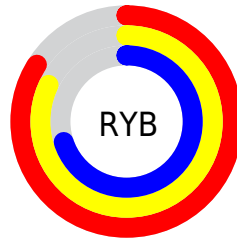
Distribution



Red (84%)

Green (76%)

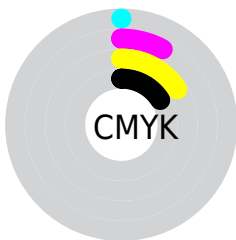
Blue (70%)



Red (84%)

Yellow (82%)

Blue (70%)

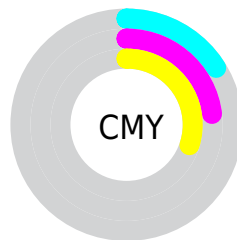


Cyan (0%)

Magenta (8%)

Yellow (16%)

Black (16%)



Cyan (16%)

Magenta (23%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 10.966, 70.247 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, 10.966, 70.247 by changing the saturation by 10% instead.

■ 80, 10.966, 70.247

■ 80, 10.966, 70.247

■ 100, 10.966,
70.247

■ 70, 10.966, 70.247

■ 60, 10.966, 70.247

■ 50, 10.966, 70.247

■ 40, 10.966, 70.247

■ 30, 10.966, 70.247

■ 20, 10.966, 70.247

■ 10, 10.966, 70.247

■ 0, 10.966, 70.247

■ 80, 10.966, 70.247

■ 80, 10.966, 70.247

77, 18.321, 69.081

83, 3.980, 71.380

73, 26.065, 67.891

87, 2.670, 252.805

70, 34.199, 66.702

90, 9.017, 253.839

67, 42.673, 65.507

93, 11.579,
239.079

64, 51.347, 64.273

96, 12.931,
205.801

61, 59.893, 62.913

59, 67.654, 61.228

97, 13.923,
198.577

56, 73.585, 58.867

55, 75.664, 57.850

Harmonies

Complementary

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



80, 10.966, 70.247



79, 10.447, 254.352

Rectangle

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



80, 10.966, 70.247



80, 10.966, 120.247



80, 10.966, 250.247



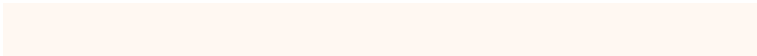
80, 10.966, 300.247

Sweetspot

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



80, 10.966, 70.260



98, 3.862, 71.467



76, 15.941, 343.202



52, 2.640, 71.398



0, 0.000, 0.000



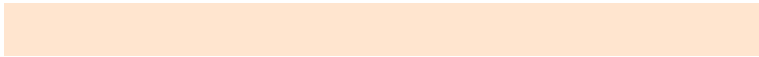
53, 0.007, 296.813

Same Dimension

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



80, 10.966, 70.260



93, 15.234, 69.879



84, 17.206, 107.236



43, 3.851, 71.008



45, 63.869, 58.479



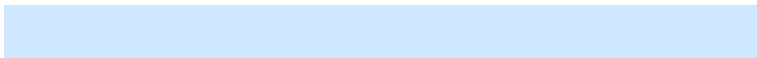
9, 17.065, 55.765

Inverse Universe

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



79, 10.447, 254.352



91, 14.351, 254.860



74, 17.800, 290.597



43, 3.751, 253.433



38, 50.144, 280.744



7, 16.471, 269.885

Previews

White Background



This preview shows how the CIELCh color 80, 10.966, 70.247 looks on a white background.

Color Contrast Check

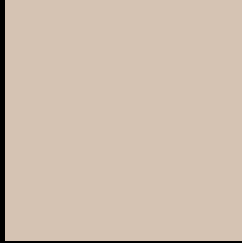
Large Text (above 18pt) WCAG AA × Fail

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, 10.966, 70.247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

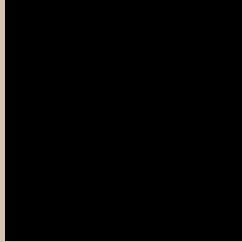
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 80, 10.966, 70.247

Background



This preview shows how black text looks on a background with the CIELCh color 80, 10.966, 70.247.



This preview shows how white text looks on a background with the CIELCh color 80, 10.966, 70.247.

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, 10.966, 70.247

Protanopia

80, 9.505, 90.653

Deuteranopia

80, 14.086, 44.618



Tritanopia
80, 12.467, 340.634

Trichromacy



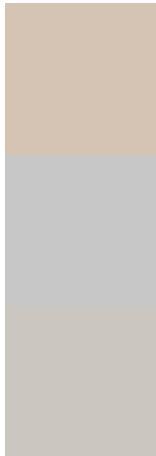
Original Color
80, 10.966, 70.247

Protanomaly
80, 10.113, 82.347

Deuteranomaly
80, 12.530, 53.281

Tritanomaly
80, 8.738, 9.575

Monochromacy



Original Color
80, 10.966, 70.247

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 3.871, 74.613

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 10.966, 70.247 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(213, 195, 179)` looks like.

```
.text, #text, p{  
    color:rgb(213, 195, 179)  
}
```

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(213, 195, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 195, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 10.966, 70.247 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(213, 195, 179) }
```

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

```
.border{ border-color:rgb(213, 195, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 195, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 195, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 195, 179);  
box-shadow:4px 4px 4px 4px rgb(213, 195,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 10.966, 70.247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 195, 179) }
```

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

```
.background{ background-color: rgb(213,  
195, 179) }
```

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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