

Converting Colors

CIELCh(79, 6.549, 70.503)

Have a look what the booklet for
CIELCh(79, 6.549, 70.503) contains.

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Color

CIELCh(79, 6.742, 71.528)

Conversions

Conversions Part 1

Format	Color
Hex	CDC2B8
RGB	205, 194, 184
RGB Percent	80%, 76%, 72%
CMY	0.1967, 0.2398, 0.2790
CMYK	0.00, 0.05, 0.10, 0.20
HSL	29°, 17%, 76%
HSV	29°, 10%, 80%
XYZ	53.0291, 54.9284, 53.0727
YIQ	196.1490, 9.7660, -0.7780

Conversions

Conversions Part 2

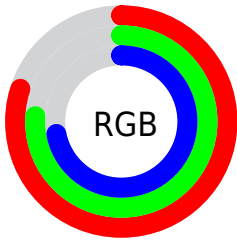
Format	Color
R _Y B	205, 203, 184
Decimal	13484728
CIE Lab	79.00, 2.14, 6.39
CIE LCh	79, 6.742, 71.528
Yxy	54.9284, 0.3293, 0.3411
Android (android.graphics.Color)	4291674808 (0xFFCDC2B8)
YUV	196.1490, -5.9895, 7.7623
Hunter-Lab	74.1137, -1.9804, 9.4221

Details

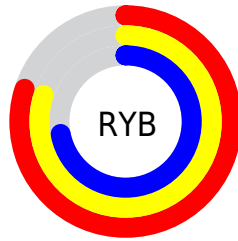
The CIELCh color $79, 6.742, 71.528$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $78, 6.555, 254.185$, and the grayscale version is $79, 0.010, 296.813$.

A 20% lighter version of the original color is $98, 5.366, 90.340$, and $59, 6.753, 68.297$ is the 20% darker color. If you saturate the color by 10%, you get $76, 13.665, 70.379$, and if you desaturate by 10%, it is $82, 0.154, 70.225$.

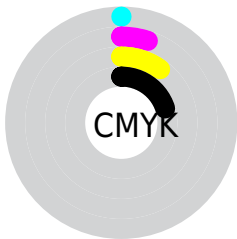
Distribution



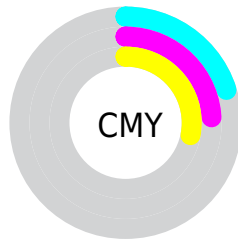
- Red (80%)
- Green (76%)
- Blue (72%)



- Red (80%)
- Yellow (80%)
- Blue (72%)



- Cyan (0%)
- Magenta (5%)
- Yellow (10%)
- Black (20%)



- Cyan (20%)
- Magenta (24%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 6.742, 71.528 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, 6.742, 71.528 by changing the saturation by 10% instead.

 79, 6.742, 71.528  79, 6.742, 71.528

 100, 6.742, 71.528  69, 6.742, 71.528

 99, 6.742, 71.528  59, 6.742, 71.528

 49, 6.742, 71.528

 39, 6.742, 71.528

 29, 6.742, 71.528

 19, 6.742, 71.528

 9, 6.742, 71.528

 0, 6.742, 71.528

 79, 6.742, 71.528  79, 6.742, 71.528

76, 13.665, 70.379

82, 0.154, 70.225

73, 20.947, 69.183

86, 6.134, 254.012

70, 28.601, 67.981

89, 12.152,
255.108

67, 36.609, 66.776

92, 13.936,
241.723

64, 44.893, 65.552

61, 53.252, 64.260

95, 14.520,
214.093

58, 61.258, 62.775

97, 16.609,
198.403

56, 68.111, 60.842

54, 73.137, 58.402

Harmonies

Complementary

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



79, 6.742, 71.528



78, 6.555, 254.185

Rectangle

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



79, 6.742, 71.528



79, 6.742, 121.528



79, 6.742, 251.528



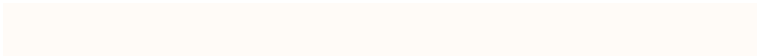
79, 6.742, 301.528

Sweetspot

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



79, 6.743, 71.548



99, 2.311, 72.261



77, 9.859, 342.688



52, 1.756, 72.208



0, 0.000, 0.000



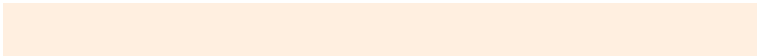
53, 0.007, 296.813

Same Dimension

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



79, 6.743, 71.548



95, 9.475, 71.330



82, 10.712, 107.805



41, 3.711, 71.645



44, 62.262, 59.021



8, 14.371, 54.857

Inverse Universe

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



78, 6.555, 254.185



94, 9.155, 254.445



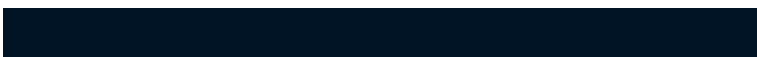
76, 10.952, 289.910



41, 3.618, 254.072



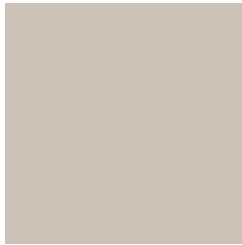
37, 49.491, 281.239



6, 14.705, 268.966

Previews

White Background



This preview shows how the CIELCh color 79, 6.742, 71.528 looks on a white background.

Color Contrast Check

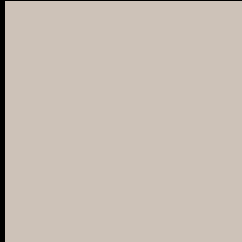
Large Text (above 18pt) WCAG AA × Fail

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, 6.742, 71.528 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

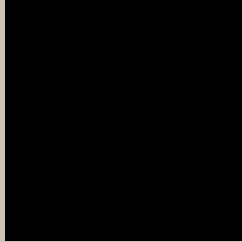
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

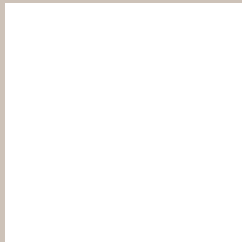
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 6.742, 71.528

Background



This preview shows how black text looks on a background with the CIELCh color 79, 6.742, 71.528.

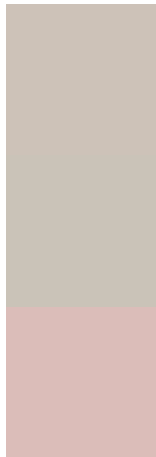


This preview shows how white text looks on a background with the CIELCh color 79, 6.742, 71.528.

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, 6.742, 71.528

Protanopia

79, 6.405, 85.260

Deuteranopia

79, 11.665, 30.711



Tritanopia
79, 10.170, 328.260

Trichromacy



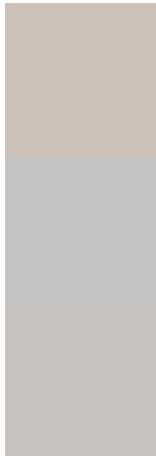
Original Color
79, 6.742, 71.528

Protanomaly
79, 6.570, 82.232

Deuteranomaly
79, 9.322, 39.945

Tritanomaly
79, 6.420, 349.994

Monochromacy



Original Color
79, 6.742, 71.528

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 2.163, 66.738

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 6.742, 71.528 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(205, 194, 184)` looks like.

```
.text, #text, p{  
    color:rgb(205, 194, 184)  
}
```

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(205, 194, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 194, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 6.742, 71.528 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(205, 194, 184) }
```

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

```
.border{ border-color:rgb(205, 194, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 194, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 194, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 194, 184);  
box-shadow:4px 4px 4px 4px rgb(205, 194,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 6.742, 71.528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 194, 184) }
```

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

```
.background{ background-color: rgb(205,  
194, 184) }
```

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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