

Converting Colors

CIELCh(76, 10.836, 58.793)

Have a look what the booklet for
CIELCh(76, 10.836, 58.793) contains.

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Color

CIELCh(76, 10.717, 56.677)

Conversions

Conversions Part 1

Format	Color
Hex	CDB7AB
RGB	205, 183, 171
RGB Percent	80%, 72%, 67%
CMY	0.1954, 0.2817, 0.3288
CMYK	0.00, 0.11, 0.17, 0.20
HSL	21°, 25%, 74%
HSV	21°, 17%, 80%
XYZ	49.5598, 49.8872, 45.6286
YIQ	188.2100, 16.9640, 0.9320

Conversions

Conversions Part 2

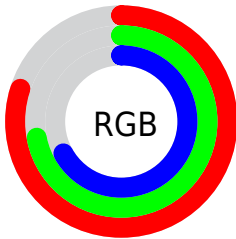
Format	Color
RYB	205, 190, 171
Decimal	13481899
CIELab	76.00, 5.89, 8.95
CIELCh	76, 10.717, 56.677
Yxy	49.8872, 0.3416, 0.3439
Android (android.graphics.Color)	4291671979 (0xFFCDB7AB)
YUV	188.2100, -8.4845, 14.7248
Hunter-Lab	70.6309, 1.6445, 11.1394

Details

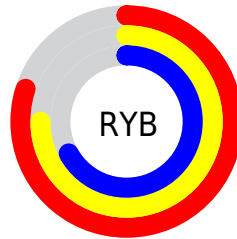
The CIELCh color **76, 10.717, 56.677** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **77, 9.876, 239.912**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 8.838, 68.258**, and **56, 10.485, 56.612** is the 20% darker color. If you saturate the color by 10%, you get **72, 17.802, 55.909**, and if you desaturate by 10%, it is **80, 4.105, 57.459**.

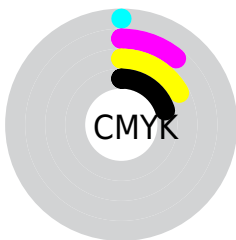
Distribution



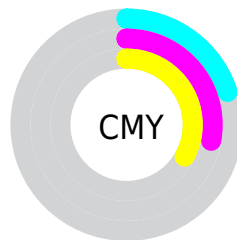
- Red (80%)
- Green (72%)
- Blue (67%)



- Red (80%)
- Yellow (75%)
- Blue (67%)



- Cyan (0%)
- Magenta (11%)
- Yellow (17%)
- Black (20%)



- Cyan (20%)
- Magenta (28%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 10.717, 56.677 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 76, 10.717, 56.677 by changing the saturation by 10% instead.

■ 76, 10.717, 56.677

■ 76, 10.717, 56.677

■ 100, 10.717,
56.677

■ 66, 10.717, 56.677

■ 96, 10.717, 56.677

■ 56, 10.717, 56.677

■ 46, 10.717, 56.677

■ 36, 10.717, 56.677

■ 26, 10.717, 56.677

■ 16, 10.717, 56.677

■ 6, 10.717, 56.677

■ 0, 10.717, 56.677

■ 76, 10.717, 56.677

■ 76, 10.717, 56.677

72, 17.802, 55.909

80, 4.105, 57.459

68, 25.397, 55.177

84, 2.078, 238.678

65, 33.522, 54.513

88, 7.880, 239.385

61, 42.154, 53.924

92, 13.346,
240.240

58, 51.185, 53.386

95, 14.878,
209.452

55, 60.335, 52.813

52, 68.971, 51.978

97, 16.508,
198.409

50, 75.959, 50.456

49, 78.161, 49.968

Harmonies

Complementary

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



76, 10.717, 56.677



77, 9.876, 239.912

Rectangle

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



76, 10.717, 56.677



76, 10.717, 106.677



76, 10.717, 236.677



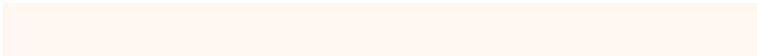
76, 10.717, 286.677

Sweetspot

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



76, 10.717, 56.691



98, 3.705, 57.553



74, 17.399, 337.576



52, 2.534, 57.511



0, 0.000, 0.000



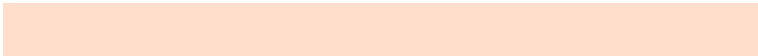
53, 0.007, 296.813

Same Dimension

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



76, 10.717, 56.691



91, 15.628, 56.399



80, 15.412, 101.428



41, 3.560, 57.255



40, 66.336, 50.532



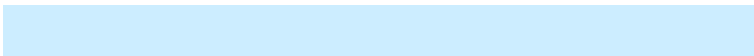
6, 14.911, 41.700

Inverse Universe

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



77, 9.876, 239.912



92, 14.113, 240.375



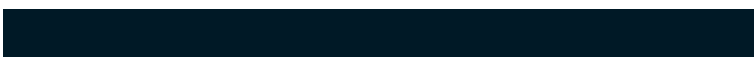
72, 15.790, 285.270



41, 3.409, 239.128



43, 38.714, 264.879



7, 12.659, 253.267

Previews

White Background



This preview shows how the CIELCh color 76, 10.717, 56.677 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 76, 10.717, 56.677 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

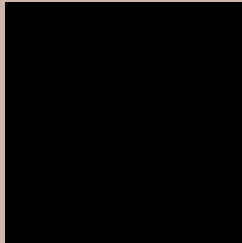
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 10.717, 56.677

Background



This preview shows how black text looks on a background with the CIELCh color 76, 10.717, 56.677.



This preview shows how white text looks on a background with the CIELCh color 76, 10.717, 56.677.

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

76, 10.717, 56.677

Protanopia

76, 7.957, 89.759

Deuteranopia

76, 12.670, 42.511



Tritanopia
76, 12.867, 344.764

Trichromacy



Original Color
76, 10.717, 56.677

Protanomaly
76, 8.808, 77.788

Deuteranomaly
76, 11.816, 46.977

Tritanomaly
76, 10.179, 4.986

Monochromacy



Original Color
76, 10.717, 56.677

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 3.682, 55.083

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 10.717, 56.677 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, 183, 171)` looks like.

```
.text, #text, p{  
    color:rgb(205, 183, 171)  
}
```

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, 183, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 183, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 10.717, 56.677 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, 183, 171) }
```

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

```
.border{ border-color:rgb(205, 183, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 183, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(205, 183, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(205, 183, 171); box-shadow:4px 4px 4px 4px rgb(205, 183, 171) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 10.717, 56.677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 183, 171) }
```

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

```
.background{ background-color: rgb(205,  
183, 171) }
```

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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