

Converting Colors

CIELCh(80, 8.655, 53.201)

Have a look what the booklet for
CIELCh(80, 8.655, 53.201) contains.

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Color

CIELCh(80, 8.655, 53.201)

Conversions

Conversions Part 1

Format	Color
Hex	D6C3BA
RGB	214, 195, 186
RGB Percent	84%, 76%, 73%
CMY	0.1620, 0.2364, 0.2717
CMYK	0.00, 0.09, 0.13, 0.16
HSL	19°, 25%, 78%
HSV	19°, 13%, 84%
XYZ	55.9243, 56.6813, 54.2839
YIQ	199.6550, 14.2130, 1.2290

Conversions

Conversions Part 2

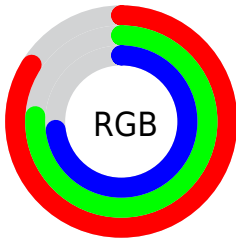
Format	Color
R_{YB}	214, 199, 186
Decimal	14074810
CIE _{Lab}	80.00, 5.18, 6.93
CIE _{LCh}	80, 8.655, 53.201
Yxy	56.6813, 0.3351, 0.3396
Android (android.graphics.Color)	4292264890 (0xFFD6C3BA)
YUV	199.6550, -6.7319, 12.5806
Hunter-Lab	75.2870, 0.8403, 9.9512

Details

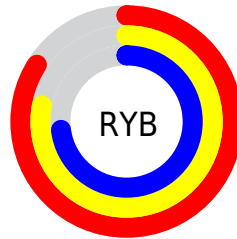
The CIELCh color **80, 8.655, 53.201** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **81, 8.079, 235.452**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 5.171, 97.859**, and **60, 8.600, 51.396** is the 20% darker color. If you saturate the color by 10%, you get **76, 15.840, 52.568**, and if you desaturate by 10%, it is **84, 1.972, 53.743**.

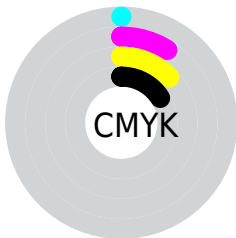
Distribution



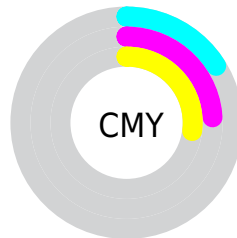
- Red (84%)
- Green (76%)
- Blue (73%)



- Red (84%)
- Yellow (78%)
- Blue (73%)



- Cyan (0%)
- Magenta (9%)
- Yellow (13%)
- Black (16%)



- Cyan (16%)
- Magenta (24%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 8.655, 53.201 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, 8.655, 53.201 by changing the saturation by 10% instead.

 80, 8.655, 53.201

 80, 8.655, 53.201

 100, 8.655, 53.201

 70, 8.655, 53.201

 60, 8.655, 53.201

 50, 8.655, 53.201

 40, 8.655, 53.201

 30, 8.655, 53.201

 20, 8.655, 53.201

 10, 8.655, 53.201

 0, 8.655, 53.201

 80, 8.655, 53.201

 80, 8.655, 53.201

76, 15.840, 52.568

84, 1.972, 53.743

72, 23.573, 51.972

88, 4.259, 234.890

68, 31.883, 51.461

93, 10.090,
235.599

64, 40.768, 51.051

97, 13.077,
203.826

61, 50.156, 50.734

57, 59.835, 50.457

97, 13.827,
198.583

54, 69.299, 50.048

52, 77.491, 49.112

50, 82.078, 48.169

Harmonies

Complementary

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



80, 8.655, 53.201



81, 8.079, 235.452

Rectangle

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



80, 8.655, 53.201



80, 8.655, 103.201



80, 8.655, 233.201



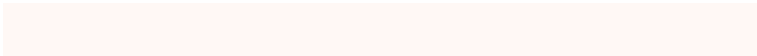
80, 8.655, 283.201

Sweetspot

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



80, 8.655, 53.218



98, 2.949, 53.735



78, 14.517, 335.862



52, 2.102, 53.711



0, 0.000, 0.000



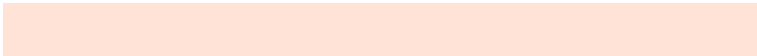
53, 0.007, 296.813

Same Dimension

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



80, 8.655, 53.218



92, 12.340, 53.016



84, 12.156, 99.903



43, 3.707, 53.456



40, 69.077, 48.708



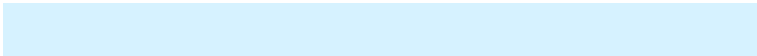
8, 18.105, 39.687

Inverse Universe

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



81, 8.079, 235.452



94, 11.315, 235.763



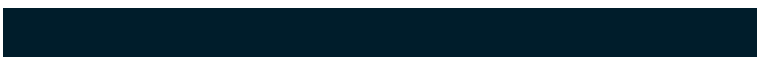
78, 12.356, 282.989



43, 3.533, 235.117



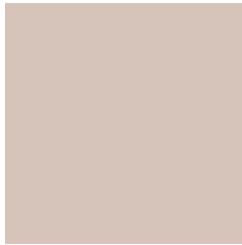
46, 37.475, 259.708



10, 13.469, 248.586

Previews

White Background



This preview shows how the CIELCh color 80, 8.655, 53.201 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, 8.655, 53.201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

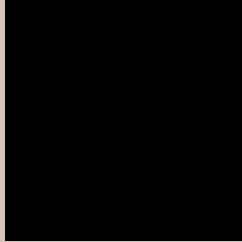
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 80, 8.655, 53.201

Background



This preview shows how black text looks on a background with the CIELCh color 80, 8.655, 53.201.



This preview shows how white text looks on a background with the CIELCh color 80, 8.655, 53.201.

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, 8.655, 53.201

Protanopia

80, 6.386, 85.275

Deuteranopia

80, 11.913, 35.643



Tritanopia
80, 12.176, 339.479

Trichromacy



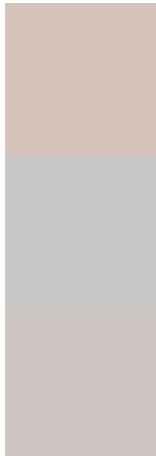
Original Color
80, 8.655, 53.201

Protanomaly
80, 6.721, 71.544

Deuteranomaly
80, 10.599, 40.505

Tritanomaly
80, 9.127, 359.698

Monochromacy



Original Color
80, 8.655, 53.201

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 3.032, 51.068

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 8.655, 53.201 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(214, 195, 186)` looks like.

```
.text, #text, p{  
    color:rgb(214, 195, 186)  
}
```

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(214, 195, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 195, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 8.655, 53.201 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(214, 195, 186) }
```

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

```
.border{ border-color:rgb(214, 195, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 195, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 195, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 195, 186);  
box-shadow:4px 4px 4px 4px rgb(214, 195,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 8.655, 53.201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 195, 186) }
```

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

```
.background{ background-color: rgb(214,  
195, 186) }
```

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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