

Converting Colors

CIELCh(80, 5.898, 35.584)

Have a look what the booklet for
CIELCh(80, 5.898, 35.584) contains.

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Color

CIELCh(80, 5.830, 35.558)

Conversions

Conversions Part 1

Format	Color
Hex	D2C3C0
RGB	210, 195, 192
RGB Percent	82%, 76%, 75%
CMY	0.1756, 0.2344, 0.2462
CMYK	0.00, 0.07, 0.09, 0.18
HSL	10°, 17%, 79%
HSV	10°, 9%, 82%
XYZ	55.7477, 56.6813, 58.0010
YIQ	199.1430, 9.9030, 2.2470

Conversions

Conversions Part 2

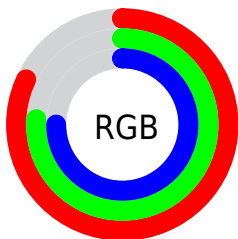
Format	Color
R _Y B	210, 196, 192
Decimal	13812672
CIE Lab	80.00, 4.74, 3.39
CIE LCh	80, 5.830, 35.558
Yxy	56.6813, 0.3271, 0.3326
Android (android.graphics.Color)	4292002752 (0xFFD2C3C0)
YUV	199.1430, -3.5215, 9.5216
Hunter-Lab	75.2870, 0.4215, 7.0239

Details

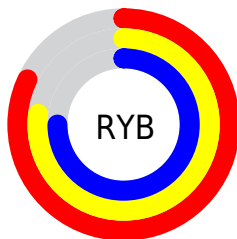
The CIELCh color **80, 5.830, 35.558** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **82, 5.522, 215.916**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 2.272, 82.227**, and **60, 5.688, 31.257** is the 20% darker color. If you saturate the color by 10%, you get **75, 13.172, 35.697**, and if you desaturate by 10%, it is **85, 0.940, 216.331**.

Distribution



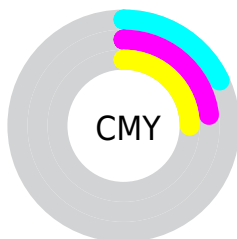
- Red (82%)
- Green (76%)
- Blue (75%)



- Red (82%)
- Yellow (77%)
- Blue (75%)



- Cyan (0%)
- Magenta (7%)
- Yellow (9%)
- Black (18%)



- Cyan (18%)
- Magenta (23%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 5.830, 35.558 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, 5.830, 35.558 by changing the saturation by 10% instead.

80, 5.830, 35.558

80, 5.830, 35.558

100, 5.830, 35.558

70, 5.830, 35.558

60, 5.830, 35.558

50, 5.830, 35.558

40, 5.830, 35.558

30, 5.830, 35.558

20, 5.830, 35.558

10, 5.830, 35.558

0, 5.830, 35.558

80, 5.830, 35.558

80, 5.830, 35.558

75, 13.172, 35.697

85, 0.940, 216.331

70, 21.135, 35.919

90, 7.192, 215.931

66, 29.747, 36.318

95, 12.949,
215.426

61, 39.001, 36.943

97, 14.927,
198.511

57, 48.831, 37.839

53, 59.066, 39.014

50, 69.341, 40.387

48, 78.843, 41.643

46, 86.166, 42.240

Harmonies

Complementary

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



80, 5.830, 35.558



82, 5.522, 215.916

Rectangle

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



80, 5.830, 35.558



80, 5.830, 85.558



80, 5.830, 215.558



80, 5.830, 265.558

Sweetspot

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



80, 5.829, 35.580



98, 2.334, 35.409



80, 10.388, 329.878



52, 1.775, 35.466



0, 0.000, 0.000



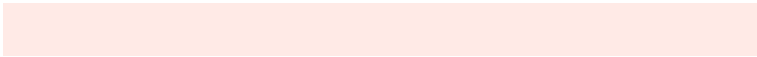
53, 0.007, 296.813

Same Dimension

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



80, 5.829, 35.580



94, 8.012, 35.598



82, 6.703, 90.030



41, 3.858, 35.590



36, 73.479, 42.704



6, 18.109, 28.427

Inverse Universe

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



82, 5.522, 215.916



97, 7.511, 215.928



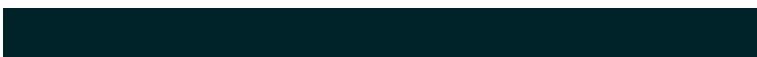
80, 6.705, 272.271



43, 3.634, 215.922



54, 31.896, 228.076



11, 12.265, 221.152

Previews

White Background



This preview shows how the CIELCh color 80, 5.830, 35.558 looks on a white background.

Color Contrast Check

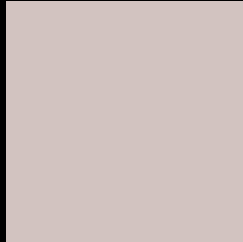
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 80, 5.830, 35.558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

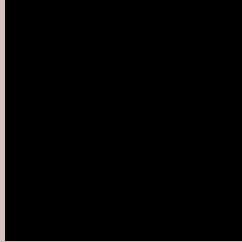
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 80, 5.830, 35.558

Background



This preview shows how black text looks on a background with the CIELCh color 80, 5.830, 35.558.



This preview shows how white text looks on a background with the CIELCh color 80, 5.830, 35.558.

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, 5.830, 35.558

Protanopia

80, 2.800, 68.529

Deuteranopia

80, 10.557, 17.332



Tritanopia
80, 10.613, 331.429

Trichromacy



Original Color
80, 5.830, 35.558

Protanomaly
80, 3.952, 51.950

Deuteranomaly
80, 8.636, 20.027

Tritanomaly
80, 7.592, 345.896

Monochromacy



Original Color
80, 5.830, 35.558

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 1.910, 35.378

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 5.830, 35.558 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(210, 195, 192)` looks like.

```
.text, #text, p{  
    color:rgb(210, 195, 192)  
}
```

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(210, 195, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 195, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 5.830, 35.558 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(210, 195, 192) }
```

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

```
.border{ border-color:rgb(210, 195, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 195, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 195, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 195, 192);  
box-shadow:4px 4px 4px 4px rgb(210, 195,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 5.830, 35.558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 195, 192) }
```

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

```
.background{ background-color: rgb(210,  
195, 192) }
```

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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