

Converting Colors

CIELCh(80, 10.235, 41.244)

Have a look what the booklet for
CIELCh(80, 10.235, 41.244) contains.

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Color

CIELCh(80, 10.235, 41.244)

Conversions

Conversions Part 1

Format	Color
Hex	DAC1BA
RGB	218, 193, 186
RGB Percent	85%, 76%, 73%
CMY	0.1445, 0.2426, 0.2700
CMYK	0.00, 0.11, 0.15, 0.14
HSL	13°, 30%, 79%
HSV	13°, 15%, 86%
XYZ	56.9360, 56.6813, 54.4719
YIQ	199.6770, 17.1470, 3.1230

Conversions

Conversions Part 2

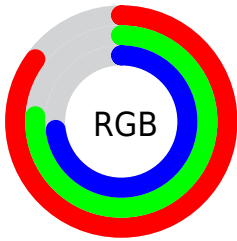
Format	Color
R_{YB}	218, 195, 186
Decimal	14336442
CIE Lab	80.00, 7.70, 6.75
CIE LCh	80, 10.235, 41.244
Yxy	56.6813, 0.3387, 0.3372
Android (android.graphics.Color)	4292526522 (0xFFDAC1BA)
YUV	199.6770, -6.7428, 16.0693
Hunter-Lab	75.2870, 3.2389, 9.8032

Details

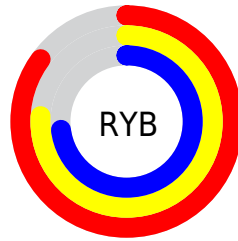
The CIELCh color `80, 10.235, 41.244` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `83, 9.328, 222.361`, and the grayscale version is `81, 0.010, 296.813`.

A 20% lighter version of the original color is `98, 4.129, 78.730`, and `60, 10.375, 39.167` is the 20% darker color. If you saturate the color by 10%, you get `75, 17.936, 41.148`, and if you desaturate by 10%, it is `85, 3.128, 41.369`.

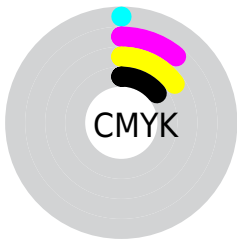
Distribution



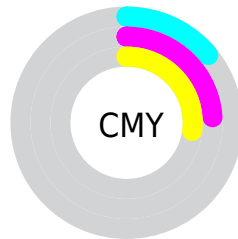
- Red (85%)
- Green (76%)
- Blue (73%)



- Red (85%)
- Yellow (76%)
- Blue (73%)



- Cyan (0%)
- Magenta (11%)
- Yellow (15%)
- Black (14%)



- Cyan (14%)
- Magenta (24%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 10.235, 41.244 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, 10.235, 41.244 by changing the saturation by 10% instead.

80, 10.235, 41.244

80, 10.235, 41.244

100, 10.235,
41.244

70, 10.235, 41.244

60, 10.235, 41.244

50, 10.235, 41.244

40, 10.235, 41.244

30, 10.235, 41.244

20, 10.235, 41.244

10, 10.235, 41.244

0, 10.235, 41.244

80, 10.235, 41.244

80, 10.235, 41.244

75, 17.936, 41.148

85, 3.128, 41.369

71, 26.278, 41.160

90, 3.437, 222.035

66, 35.282, 41.338

95, 9.519, 222.300

62, 44.925, 41.715

97, 12.402,
198.677

58, 55.103, 42.303

55, 65.553, 43.053

52, 75.671, 43.760

49, 84.148, 43.901

48, 87.813, 43.830

Harmonies

Complementary

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



80, 10.235, 41.244



83, 9.328, 222.361

Rectangle

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



80, 10.235, 41.244



80, 10.235, 91.244



80, 10.235, 221.244



80, 10.235, 271.244

Sweetspot

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



80, 10.234, 41.258



98, 3.032, 41.357



79, 17.766, 332.035



52, 2.162, 41.370



0, 0.000, 0.000



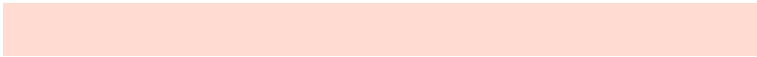
53, 0.007, 296.813

Same Dimension

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



80, 10.234, 41.258



90, 14.457, 41.209



84, 12.514, 93.115



44, 3.893, 41.339



38, 73.594, 44.236



7, 20.698, 32.548

Inverse Universe

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



83, 9.328, 222.361



94, 12.862, 222.548



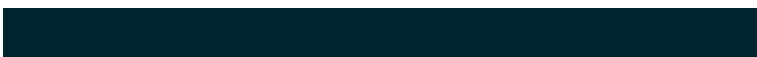
79, 12.582, 276.878



45, 3.675, 222.137



52, 33.264, 239.443



12, 13.122, 231.276

Previews

White Background



This preview shows how the CIELCh color 80, 10.235, 41.244 looks on a white background.

Color Contrast Check

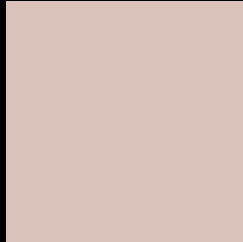
Large Text (above 18pt) WCAG AA × Fail

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, 10.235, 41.244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

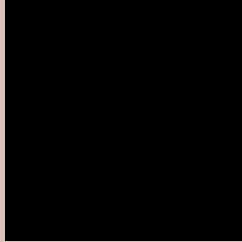
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 80, 10.235, 41.244

Background



This preview shows how black text looks on a background with the CIELCh color 80, 10.235, 41.244.



This preview shows how white text looks on a background with the CIELCh color 80, 10.235, 41.244.

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, 10.235, 41.244

Protanopia

80, 5.260, 84.440

Deuteranopia

80, 11.913, 35.643



Tritanopia
80, 13.947, 345.718

Trichromacy



Original Color
80, 10.235, 41.244

Protanomaly
80, 6.471, 60.546

Deuteranomaly
80, 11.537, 36.134

Tritanomaly
80, 11.442, 1.396

Monochromacy



Original Color
80, 10.235, 41.244

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 3.688, 45.020

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 10.235, 41.244 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(218, 193, 186)` looks like.

```
.text, #text, p{  
    color:rgb(218, 193, 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(218, 193, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 193, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 10.235, 41.244 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(218, 193, 186) }
```

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

```
.border{ border-color:rgb(218, 193, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 193, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 193, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 193, 186);  
box-shadow:4px 4px 4px 4px rgb(218, 193,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 10.235, 41.244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 193, 186) }
```

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

```
.background{ background-color: rgb(218,  
193, 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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