Converting Colors

CIELCh(81, 10.253, 41.554)

Have a look what the booklet for CIELCh(81, 10.253, 41.554) contains.

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Color

CIELCh(81, 10.200, 41.247)

Conversions

Conversions Part 1

Format	Color
Hex	DDC4BD
RGB	221, 196, 189
RGB Percent	87%, 77%, 74%
CMY	0.1337, 0.2317, 0.2591
CMYK	0.00, 0.11, 0.14, 0.13
HSL	13°, 32%, 80%
HSV	13°, 14%, 87%
XYZ	58.6896, 58.4711, 56.2897
YIQ	202.6770, 17.1470, 3.1230

Conversions

Conversions Part 2

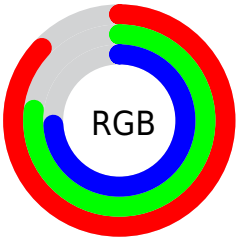
Format	Color
RYB	221, 198, 189
Decimal	14533821
CIELab	81.00, 7.67, 6.72
CIELCh	81, 10.200, 41.247
Yxy	58.4711, 0.3384, 0.3371
Android (android.graphics.Color)	4292723901 (0xFFDDC4BD)
YUV	202.6770, -6.7428, 16.0693
Hunter-Lab	76.4664, 3.1865, 9.8810

Details

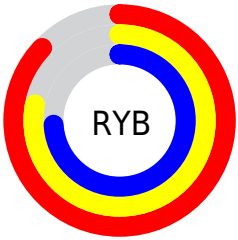
The CIELCh color 81, 10.200, 41.247 is a light color, and the websafe version is hex CCCCCC. A complement of this color would be 84, 9.307, 222.353, and the grayscale version is 82, 0.010, 296.813.

A 20% lighter version of the original color is 99, 4.105, 99.913, and 61, 10.327, 39.168 is the 20% darker color. If you saturate the color by 10%, you get 76, 17.969, 41.150, and if you desaturate by 10%, it is 86, 3.030, 41.367.

Distribution

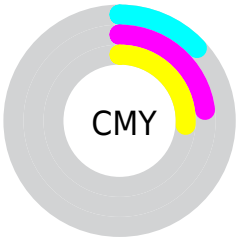


- Red (87%)
- Green (77%)
- Blue (74%)



- Red (87%)
- Yellow (78%)
- Blue (74%)

- Cyan (0%)
- Magenta (11%)
- Yellow (14%)
- Black (13%)



- Cyan (13%)
- Magenta (23%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 10.200, 41.247 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 81, 10.200, 41.247 by changing the saturation by 10% instead.

81, 10.200, 41.247

100, 10.200, 41.247

81, 10.200, 41.247

71, 10.200, 41.247

61, 10.200, 41.247

51, 10.200, 41.247

41, 10.200, 41.247

31, 10.200, 41.247

21, 10.200, 41.247

11, 10.200, 41.247

1, 10.200, 41.247

0, 10.200, 41.247

81, 10.200, 41.247

76, 17.969, 41.150

72, 26.386, 41.159

67, 35.472, 41.334

63, 45.205, 41.709

59, 55.481, 42.294

55, 66.038, 43.042

52, 76.271, 43.754

50, 84.866, 43.906

49, 88.673, 43.811

81, 10.200, 41.247

86, 3.030, 41.367

91, 3.593, 222.037

96, 9.695, 221.754

98, 11.506, 198.737

Harmonies

Complementary

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

81, 10.200, 41.247

84, 9.307, 222.353

Rectangle

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

81, 10.200, 41.247

81, 10.200, 91.247

81, 10.200, 221.247

81, 10.200, 271.247

Sweetspot

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

81, 10.199, 41.261

98, 3.032, 41.358

80, 17.716, 332.023

52, 2.162, 41.371

0, 0.000, 0.000

53, 0.007, 296.813

Same Dimension

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

81, 10.199, 41.261

91, 13.597, 41.223

85, 12.478, 93.137

44, 3.893, 41.339

38, 73.593, 44.236

7, 20.698, 32.548

Inverse Universe

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

84, 9.307, 222.353

95, 12.183, 222.492

80, 12.546, 276.852

45, 3.675, 222.137

52, 33.265, 239.444

12, 13.122, 231.276

Previews

White Background

This preview shows how the CIELCh color 81, 10.200, 41.247 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 81, 10.200, 41.247 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 81, 10.200, 41.247

Background

This preview shows how black text looks on a background with the CIELCh color 81, 10.200, 41.247.

This preview shows how white text looks on a background with the CIELCh color 81, 10.200, 41.247.

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
81, 10.200, 41.247

Protanopia
81, 5.420, 80.841

Deuteranopia
81, 12.112, 32.813

Tritanopia
81, 13.607, 344.769

Trichromacy

Original Color
81, 10.200, 41.247

Protanomaly
81, 6.817, 63.846

Deuteranomaly
81, 11.498, 36.132

Tritanomaly
81, 11.053, 0.704

Monochromacy

Original Color
81, 10.200, 41.247

Achromatopsia
82, 0.010, 296.813

Achromatomaly
81, 3.841, 35.510

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 10.200, 41.247 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(221, 196, 189) looks like.

```
.text, #text, p{
    color:rgb(221, 196, 189)
}
```

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(221, 196, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 196, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 10.200, 41.247 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(221, 196, 189) }
```

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

```
.border{ border-color:rgb(221, 196, 189) }
```

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

Here you see how a box with a 4 pixel rgb(221, 196, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 196, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 196, 189); box-shadow:4px 4px 4px 4px rgb(221, 196, 189) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 10.200, 41.247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{ background:rgb(221, 196, 189) }
```

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

```
.background{ background-color:rgb(221, 196, 189) }
```

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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