

Converting Colors

CIELCh(81, 8.065, 331.711)

Have a look what the booklet for
CIELCh(81, 8.065, 331.711) contains.

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Color

CIELCh(81, 8.038, 333.395)

Conversions

Conversions Part 1

Format	Color
Hex	D4C5D0
RGB	212, 197, 208
RGB Percent	83%, 77%, 82%
CMY	0.1687, 0.2275, 0.1844
CMYK	0.00, 0.07, 0.02, 0.17
HSL	316°, 15%, 80%
HSV	316°, 7%, 83%
XYZ	58.4905, 58.4711, 67.8652
YIQ	202.7390, 5.4090, 6.6010

Conversions

Conversions Part 2

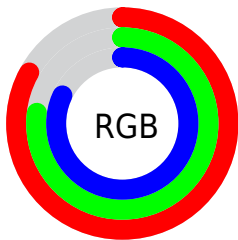
Format	Color
R_{YB}	212, 197, 208
Decimal	13944272
CIE Lab	81.00, 7.19, -3.60
CIE LCh	81, 8.038, 333.395
Yxy	58.4711, 0.3165, 0.3164
Android (android.graphics.Color)	4292134352 (0xFFD4C5D0)
YUV	202.7390, 2.5937, 8.1219
Hunter-Lab	76.4664, 2.7215, 0.9056

Details

The CIELCh color $81, 8.038, 333.395$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $84, 8.002, 152.542$, and the grayscale version is $82, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 0.630, 323.973$, and $61, 8.245, 331.549$ is the 20% darker color. If you saturate the color by 10%, you get $76, 19.520, 334.107$, and if you desaturate by 10%, it is $87, 3.278, 152.896$.

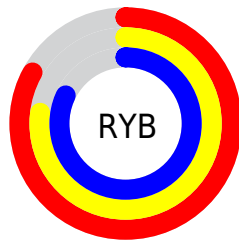
Distribution



Red (83%)

Green (77%)

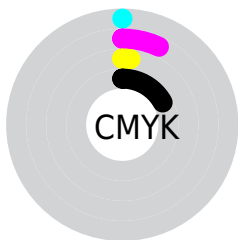
Blue (82%)



Red (83%)

Yellow (77%)

Blue (82%)

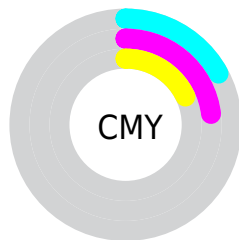


Cyan (0%)

Magenta (7%)

Yellow (2%)

Black (17%)



Cyan (17%)

Magenta (23%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 8.038, 333.395 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, 8.038, 333.395 by changing the saturation by 10% instead.

81, 8.038, 333.395

81, 8.038, 333.395

100, 8.038,
333.395

71, 8.038, 333.395

61, 8.038, 333.395

51, 8.038, 333.395

41, 8.038, 333.395

31, 8.038, 333.395

21, 8.038, 333.395

11, 8.038, 333.395

1, 8.038, 333.395

0, 8.038, 333.395

81, 8.038, 333.395

81, 8.038, 333.395

76, 19.520,
334.107

87, 3.278, 152.896

70, 31.023,
334.836

92, 14.329,
152.202

65, 42.306,
335.605

96, 21.706,
153.095

61, 53.029,
336.423

97, 19.658,
158.817

57, 62.740,
337.307

97, 17.826,
165.748

53, 70.909,
338.280

97, 16.289,
174.084

51, 77.004,
339.382

97, 15.139,
183.883

49, 80.645,
340.668

97, 14.471,
194.907

■ 48, 81.819,
342.197

■ 97, 14.373,
198.548

Harmonies

Complementary

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



81, 8.038, 333.395



84, 8.002, 152.542

Rectangle

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



81, 8.038, 333.395



81, 8.038, 23.395



81, 8.038, 153.395



81, 8.038, 203.395

Sweetspot

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



81, 8.036, 333.397



99, 2.633, 332.958



80, 8.143, 300.977



53, 1.497, 332.944



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, 8.036, 333.397



95, 10.565, 333.470



81, 5.852, 1.315



42, 6.513, 333.566



38, 69.966, 342.397



6, 27.095, 339.247

Inverse Universe

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



81, 8.036, 333.397



95, 10.565, 333.470



84, 5.704, 180.196



42, 6.513, 333.566



38, 69.966, 342.397



6, 27.095, 339.247

Previews

White Background



This preview shows how the CIELCh color 81, 8.038, 333.395 looks on a white background.

Color Contrast Check

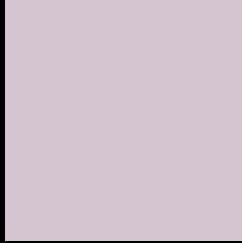
Large Text (above 18pt) WCAG AA × Fail

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 81, 8.038, 333.395 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, 8.038, 333.395

Background



This preview shows how black text looks on a background with the CIELCh color 81, 8.038, 333.395.



This preview shows how white text looks on a background with the CIELCh color 81, 8.038, 333.395.

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, 8.038, 333.395

Protanopia

81, 5.380, 298.319

Deuteranopia

81, 10.633, 339.799



Tritanopia
81, 10.545, 326.481

Trichromacy



Original Color
81, 8.038, 333.395

Protanomaly
81, 5.920, 315.900

Deuteranomaly
81, 9.456, 337.796

Tritanomaly
81, 10.123, 328.249

Monochromacy



Original Color
81, 8.038, 333.395

Achromatopsia
82, 0.010, 296.813

Achromatomaly
81, 2.819, 330.566

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 8.038, 333.395 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(212, 197, 208)` looks like.

```
.text, #text, p{  
    color:rgb(212, 197, 208)  
}
```

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(212, 197, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 197, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 8.038, 333.395 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(212, 197, 208) }
```

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

```
.border{ border-color:rgb(212, 197, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 197, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 197, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 197, 208);  
box-shadow:4px 4px 4px 4px rgb(212, 197,  
208) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 8.038, 333.395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 197, 208) }
```

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

```
.background{ background-color: rgb(212,  
197, 208) }
```

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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