

Converting Colors

CIELCh(81, 7.592, 336.109)

Have a look what the booklet for
CIELCh(81, 7.592, 336.109) contains.

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Color

CIELCh(81, 7.663, 336.113)

Conversions

Conversions Part 1

Format	Color
Hex	D4C5CF
RGB	212, 197, 207
RGB Percent	83%, 77%, 81%
CMY	0.1684, 0.2272, 0.1880
CMYK	0.00, 0.07, 0.02, 0.17
HSL	320°, 15%, 80%
HSV	320°, 7%, 83%
XYZ	58.4161, 58.4711, 67.2750
YIQ	202.6250, 5.7300, 6.2900

Conversions

Conversions Part 2

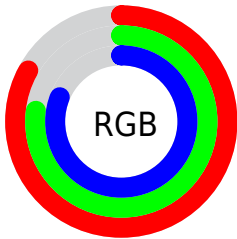
Format	Color
R _Y B	212, 197, 207
Decimal	13944271
CIE Lab	81.00, 7.01, -3.10
CIE LCh	81, 7.663, 336.113
Yxy	58.4711, 0.3172, 0.3175
Android (android.graphics.Color)	4292134351 (0xFFD4C5CF)
YUV	202.6250, 2.1569, 8.2219
Hunter-Lab	76.4664, 2.5480, 1.3633

Details

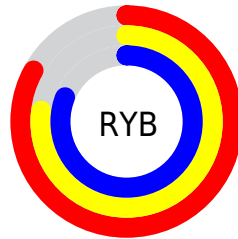
The CIELCh color $81, 7.663, 336.113$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $84, 7.620, 155.212$, and the grayscale version is $82, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 0.630, 323.973$, and $61, 7.835, 334.266$ is the 20% darker color. If you saturate the color by 10%, you get $76, 18.630, 336.884$, and if you desaturate by 10%, it is $87, 3.125, 155.590$.

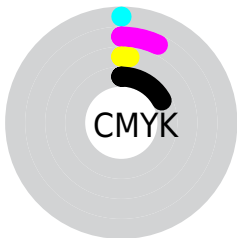
Distribution



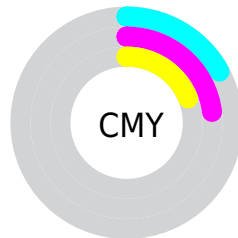
- Red (83%)
- Green (77%)
- Blue (81%)



- Red (83%)
- Yellow (77%)
- Blue (81%)



- Cyan (0%)
- Magenta (7%)
- Yellow (2%)
- Black (17%)



- Cyan (17%)
- Magenta (23%)
- Yellow (19%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 7.663, 336.113 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, 7.663, 336.113 by changing the saturation by 10% instead.

 81, 7.663, 336.113

 81, 7.663, 336.113

 100, 7.663,
336.113

 71, 7.663, 336.113

 61, 7.663, 336.113

 51, 7.663, 336.113

 41, 7.663, 336.113

 31, 7.663, 336.113

 21, 7.663, 336.113

 11, 7.663, 336.113

 1, 7.663, 336.113

 0, 7.663, 336.113

81, 7.663, 336.113

81, 7.663, 336.113

76, 18.630,
336.884

87, 3.125, 155.590

70, 29.640,
337.685

92, 13.644,
154.852

65, 40.466,
338.549

96, 20.460,
156.278

61, 50.779,
339.494

97, 18.084,
164.492

57, 60.140,
340.549

97, 16.148,
174.860

53, 68.022,
341.757

97, 14.831,
187.487

50, 73.895,
343.178

97, 14.349,
198.549

48, 77.373,
344.897

■ 47,78.451,
347.000

Harmonies

Complementary

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



81, 7.663, 336.113



84, 7.620, 155.212

Rectangle

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



81, 7.663, 336.113



81, 7.663, 26.113



81, 7.663, 156.113



81, 7.663, 206.113

Sweetspot

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



81, 7.661, 336.116



99, 2.509, 335.642



80, 8.217, 303.431



53, 1.427, 335.626



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, 7.661, 336.116



95, 10.073, 336.195



81, 5.712, 6.366



42, 6.210, 336.298



38, 67.073, 347.273



6, 25.866, 343.063

Inverse Universe

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



81, 7.661, 336.116



95, 10.073, 336.195



84, 5.538, 185.317



42, 6.210, 336.298



38, 67.073, 347.273



6, 25.866, 343.063

Previews

White Background



This preview shows how the CIELCh color 81, 7.663, 336.113 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, 7.663, 336.113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

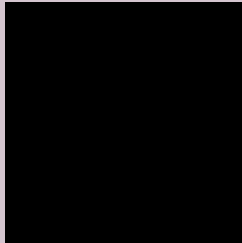
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

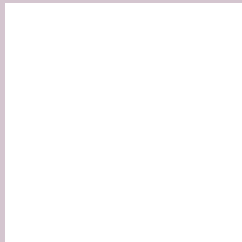
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 7.663, 336.113

Background



This preview shows how black text looks on a background with the CIELCh color 81, 7.663, 336.113.



This preview shows how white text looks on a background with the CIELCh color 81, 7.663, 336.113.

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, 7.663, 336.113

Protanopia

81, 4.854, 299.127

Deuteranopia

81, 10.595, 343.328



Tritanopia
81, 10.545, 326.481

Trichromacy



Original Color
81, 7.663, 336.113

Protanomaly
81, 5.446, 318.291

Deuteranomaly
81, 9.396, 341.745

Tritanomaly
81, 9.713, 330.172

Monochromacy



Original Color
81, 7.663, 336.113

Achromatopsia
82, 0.010, 296.813

Achromatomaly
81, 2.441, 338.656

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 7.663, 336.113 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, 207)` looks like.

```
.text, #text, p{  
    color:rgb(212, 197, 207)  
}
```

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, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 197, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 7.663, 336.113 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, 207) }
```

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

```
.border{ border-color:rgb(212, 197, 207) }
```

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, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 197, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 197, 207);  
box-shadow:4px 4px 4px 4px rgb(212, 197,  
207) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 7.663, 336.113 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, 207) }
```

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

```
.background{ background-color: rgb(212,  
197, 207) }
```

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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