

Converting Colors

CIELCh(81, 8.617, 326.765)

Have a look what the booklet for
CIELCh(81, 8.617, 326.765) contains.

CIELCh(81, 8.617, 326.765)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(81, 8.617, 326.765)

Conversions

Conversions Part 1

Format	Color
Hex	D3C5D2
RGB	211, 197, 210
RGB Percent	83%, 77%, 82%
CMY	0.1723, 0.2272, 0.1762
CMYK	0.00, 0.07, 0.00, 0.17
HSL	304°, 14%, 80%
HSV	304°, 7%, 83%
XYZ	58.4990, 58.4711, 69.2124
YIQ	202.6680, 4.1710, 7.0110

Conversions

Conversions Part 2

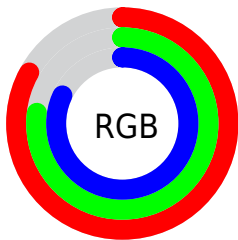
Format	Color
R _Y B	211, 197, 210
Decimal	13878738
CIE Lab	81.00, 7.21, -4.72
CIE LCh	81, 8.617, 326.765
Yxy	58.4711, 0.3142, 0.3141
Android (android.graphics.Color)	4292068818 (0xFFD3C5D2)
YUV	202.6680, 3.6147, 7.3072
Hunter-Lab	76.4664, 2.7414, -0.1389

Details

The CIELCh color $81, 8.617, 326.765$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $83, 8.595, 146.066$, 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 $61, 8.894, 324.864$ is the 20% darker color. If you saturate the color by 10%, you get $76, 21.714, 327.356$, and if you desaturate by 10%, it is $86, 4.322, 146.304$.

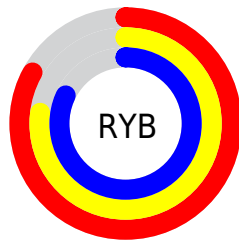
Distribution



Red (83%)

Green (77%)

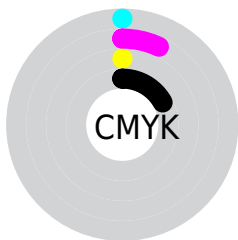
Blue (82%)



Red (83%)

Yellow (77%)

Blue (82%)

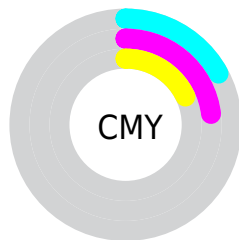


Cyan (0%)

Magenta (7%)

Yellow (0%)

Black (17%)



Cyan (17%)

Magenta (23%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 8.617, 326.765 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, 8.617, 326.765 by changing the saturation by 10% instead.

81, 8.617, 326.765

81, 8.617, 326.765

100, 8.617,
326.765

71, 8.617, 326.765

61, 8.617, 326.765

51, 8.617, 326.765

41, 8.617, 326.765

31, 8.617, 326.765

21, 8.617, 326.765

11, 8.617, 326.765

1, 8.617, 326.765

0, 8.617, 326.765

81, 8.617, 326.765

81, 8.617, 326.765

76, 21.714,
327.356

86, 4.322, 146.304

71, 34.797,
327.934

92, 16.984,
145.711

66, 47.594,
328.501

96, 26.041,
145.566

62, 59.738,
329.048

96, 25.419,
146.585

58, 70.760,
329.563

96, 24.805,
147.652

55, 80.129,
330.039

96, 24.198,
148.771

52, 87.338,
330.469

96, 23.599,
149.945

50, 92.044,
330.856

96, 23.009,
151.176

■ 50, 94.244,
331.210

■ 96, 22.429,
152.470

Harmonies

Complementary

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



81, 8.617, 326.765



83, 8.595, 146.066

Rectangle

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



81, 8.617, 326.765



81, 8.617, 16.765



81, 8.617, 146.765



81, 8.617, 196.765

Sweetspot

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



81, 8.615, 326.766



99, 3.024, 326.429



80, 7.478, 293.398



53, 1.720, 326.418



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, 8.615, 326.766



95, 12.126, 326.854



81, 6.089, 347.913



41, 7.327, 326.933



39, 80.076, 331.274



5, 29.462, 330.262

Inverse Universe

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



81, 8.615, 326.766



95, 12.126, 326.854



83, 6.013, 166.907



41, 7.327, 326.933



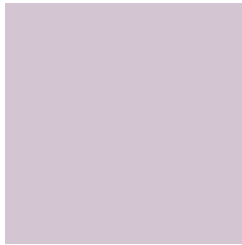
39, 80.076, 331.274



5, 29.462, 330.262

Previews

White Background



This preview shows how the CIELCh color 81, 8.617, 326.765 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, 8.617, 326.765 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

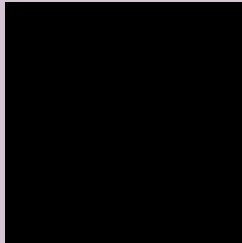
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

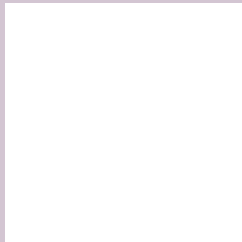
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 8.617, 326.765

Background



This preview shows how black text looks on a background with the CIELCh color 81, 8.617, 326.765.



This preview shows how white text looks on a background with the CIELCh color 81, 8.617, 326.765.

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, 8.617, 326.765

Protanopia

81, 6.434, 297.122

Deuteranopia

81, 11.084, 334.339



Tritanopia
81, 9.489, 322.972

Trichromacy



Original Color
81, 8.617, 326.765

Protanomaly
81, 6.767, 309.300

Deuteranomaly
81, 9.949, 331.816

Tritanomaly
81, 9.048, 324.775

Monochromacy



Original Color
81, 8.617, 326.765

Achromatopsia
82, 0.010, 296.813

Achromatomaly
81, 3.241, 324.493

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 8.617, 326.765 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(211, 197, 210)` looks like.

```
.text, #text, p{  
    color:rgb(211, 197, 210)  
}
```

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(211, 197, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 197, 210) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 8.617, 326.765 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(211, 197, 210) }
```

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

```
.border{ border-color:rgb(211, 197, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 197, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 197, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 197, 210);  
box-shadow:4px 4px 4px 4px rgb(211, 197,  
210) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 8.617, 326.765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 197, 210) }
```

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

```
.background{ background-color: rgb(211,  
197, 210) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor