

Converting Colors

CIELCh(82, 12.638, 327.654)

Have a look what the booklet for
CIELCh(82, 12.638, 327.654)
contains.

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Color

CIELCh(82, 12.649, 327.657)

Conversions

Conversions Part 1

Format	Color
Hex	DBC6D9
RGB	219, 198, 217
RGB Percent	86%, 78%, 85%
CMY	0.1421, 0.2244, 0.1500
CMYK	0.00, 0.10, 0.01, 0.14
HSL	306°, 22%, 82%
HSV	306°, 10%, 86%
XYZ	61.7724, 60.2982, 73.8630
YIQ	206.4450, 6.4170, 10.3610

Conversions

Conversions Part 2

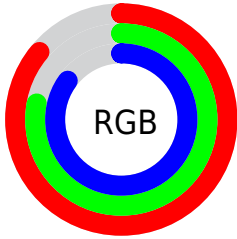
Format	Color
R _Y B	219, 198, 217
Decimal	14403289
CIE Lab	82.00, 10.69, -6.77
CIE LCh	82, 12.649, 327.657
Yxy	60.2982, 0.3153, 0.3077
Android (android.graphics.Color)	4292593369 (0xFFDBC6D9)
YUV	206.4450, 5.2036, 11.0107
Hunter-Lab	77.6519, 6.1065, -2.0407

Details

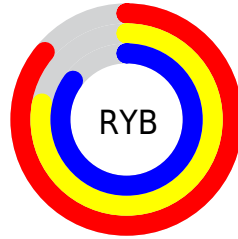
The CIELCh color `82, 12.649, 327.657` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `85, 12.622, 146.565`, and the grayscale version is `83, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `62, 12.688, 327.945` is the 20% darker color. If you saturate the color by 10%, you get `77, 25.933, 328.254`, and if you desaturate by 10%, it is `88, 0.518, 147.687`.

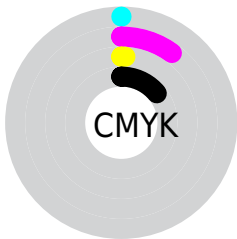
Distribution



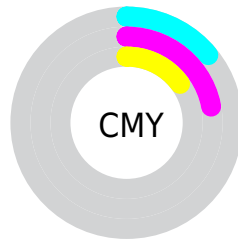
- Red (86%)
- Green (78%)
- Blue (85%)



- Red (86%)
- Yellow (78%)
- Blue (85%)



- Cyan (0%)
- Magenta (10%)
- Yellow (1%)
- Black (14%)





- Cyan (14%)
- Magenta (22%)
- Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 12.649, 327.657 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 82, 12.649, 327.657 by changing the saturation by 10% instead.


 82, 12.649,
327.657


 82, 12.649,
327.657


 100, 12.649,
327.657


 72, 12.649,
327.657


 62, 12.649,
327.657

 52, 12.649,
327.657

 42, 12.649,
327.657

 32, 12.649,
327.657

 22, 12.649,
327.657

 12, 12.649,

327.657

■ 2, 12.649, 327.657

■ 0, 12.649, 327.657

■ 82, 12.649,
327.657

■ 82, 12.649,
327.657

■ 77, 25.933,
328.254

■ 88, 0.518, 147.687

■ 72, 39.135,
328.845

■ 93, 13.430,
146.573

■ 67, 51.949,
329.429

■ 97, 20.898,
146.897

■ 62, 63.965,
329.996

■ 97, 20.056,
148.728

■ 59, 74.675,

■ 97, 19.233,
150.712

330.539

97, 18.432,
152.864

55, 83.523,
331.053

97, 17.657,
155.202

53, 90.016,
331.538

97, 16.911,
157.744

52, 93.875,
332.002

97, 16.199,
160.509

51, 95.398,
332.461

Harmonies

Complementary

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



82, 12.649, 327.657



85, 12.622, 146.565

Rectangle

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



82, 12.649, 327.657



82, 12.649, 17.657



82, 12.649, 147.657



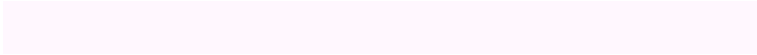
82, 12.649, 197.657

Sweetspot

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



82, 12.647, 327.658



98, 4.461, 327.227



81, 11.210, 294.310



52, 3.383, 327.289



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



82, 12.647, 327.658



92, 17.934, 327.808



82, 9.016, 349.212



43, 7.496, 327.648



40, 80.345, 332.407



7, 32.330, 331.553

Inverse Universe

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



82, 12.647, 327.658



92, 17.934, 327.808



86, 8.855, 167.601



43, 7.496, 327.648



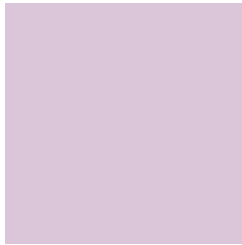
40, 80.345, 332.407



7, 32.330, 331.553

Previews

White Background



This preview shows how the CIELCh color 82, 12.649, 327.657 looks on a white background.

Color Contrast Check

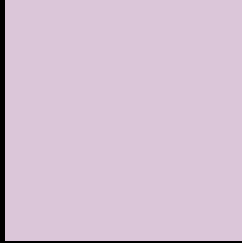
Large Text (above 18pt) WCAG AA × Fail

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 82, 12.649, 327.657 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

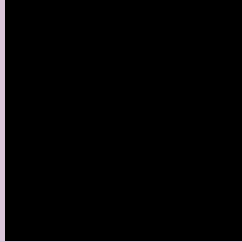
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 12.649, 327.657

Background



This preview shows how black text looks on a background with the CIELCh color 82, 12.649, 327.657.



This preview shows how white text looks on a background with the CIELCh color 82, 12.649, 327.657.

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

82, 12.649, 327.657

Protanopia

82, 9.016, 290.971

Deuteranopia

82, 12.436, 326.299



Tritanopia
82, 11.198, 331.069

Trichromacy



Original Color
82, 12.649, 327.657

Protanomaly
82, 10.005, 307.483

Deuteranomaly
82, 12.436, 326.299

Tritanomaly
82, 11.601, 329.363

Monochromacy



Original Color
82, 12.649, 327.657

Achromatopsia
83, 0.010, 296.813

Achromatomaly
82, 4.736, 328.201

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 12.649, 327.657 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(219, 198, 217)` looks like.

```
.text, #text, p{  
    color:rgb(219, 198, 217)  
}
```

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(219, 198, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 198, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 12.649, 327.657 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(219, 198, 217) }
```

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

```
.border{ border-color:rgb(219, 198, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 198, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 198, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 198, 217);  
box-shadow:4px 4px 4px 4px rgb(219, 198,  
217) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 12.649, 327.657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 198, 217) }
```

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

```
.background{ background-color: rgb(219,  
198, 217) }
```

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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