

Converting Colors

CIELCh(82, 6.028, 357.002)

Have a look what the booklet for
CIELCh(82, 6.028, 357.002) contains.

CIELCh(82, 6.129, 354.260)	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(82, 6.129, 354.260)

Conversions

Conversions Part 1

Format	Color
Hex	D7C8CD
RGB	215, 200, 205
RGB Percent	84%, 78%, 80%
CMY	0.1561, 0.2149, 0.1953
CMYK	0.00, 0.07, 0.05, 0.16
HSL	340°, 16%, 81%
HSV	340°, 7%, 84%
XYZ	59.8298, 60.2982, 66.3716
YIQ	205.0550, 7.3350, 4.7350

Conversions

Conversions Part 2

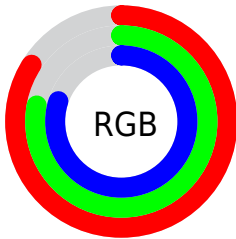
Format	Color
R _{YB}	215, 200, 205
Decimal	14141645
CIE Lab	82.00, 6.10, -0.61
CIE LCh	82, 6.129, 354.260
Yxy	60.2982, 0.3208, 0.3233
Android (android.graphics.Color)	4292331725 (0xFFD7C8CD)
YUV	205.0550, -0.0271, 8.7218
Hunter-Lab	77.6519, 1.6411, 3.6792

Details

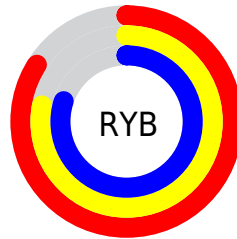
The CIELCh color $82, 6.129, 354.260$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $85, 6.014, 173.151$, and the grayscale version is $82, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $62, 6.142, 352.856$ is the 20% darker color. If you saturate the color by 10%, you get $76, 15.192, 355.354$, and if you desaturate by 10%, it is $88, 2.602, 173.631$.

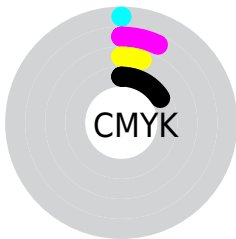
Distribution



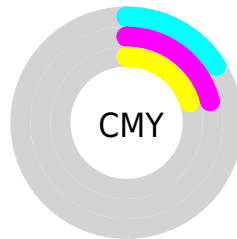
- Red (84%)
- Green (78%)
- Blue (80%)



- Red (84%)
- Yellow (78%)
- Blue (80%)



- Cyan (0%)
- Magenta (7%)
- Yellow (5%)
- Black (16%)



- Cyan (16%)
- Magenta (21%)
- Yellow (20%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 6.129, 354.260 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, 6.129, 354.260 by changing the saturation by 10% instead.

 82, 6.129, 354.260

 82, 6.129, 354.260

 100, 6.129,
354.260

 72, 6.129, 354.260

 62, 6.129, 354.260

 52, 6.129, 354.260

 42, 6.129, 354.260

 32, 6.129, 354.260

 22, 6.129, 354.260

 12, 6.129, 354.260

 2, 6.129, 354.260

 0, 6.129, 354.260

82, 6.129, 354.260

82, 6.129, 354.260

76, 15.192,
355.354

88, 2.602, 173.631

71, 24.515,
356.563

94, 10.962,
172.679

65, 33.948,
357.980

97, 14.015,
184.276

60, 43.250,
359.684

97, 13.346,
198.615

56, 52.075, 1.779

52, 59.994, 4.407

49, 66.582, 7.742

47, 71.597, 11.950

46, 75.199, 17.080

Harmonies

Complementary

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



82, 6.129, 354.260



85, 6.014, 173.151

Rectangle

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



82, 6.129, 354.260



82, 6.129, 44.260



82, 6.129, 174.260



82, 6.129, 224.260

Sweetspot

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



82, 6.127, 354.271



99, 2.002, 353.608



82, 8.774, 314.936



53, 1.138, 353.584



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, 6.127, 354.271



95, 8.087, 354.390



83, 4.804, 35.535



42, 4.993, 354.532



36, 63.932, 17.704



5, 22.397, 4.491

Inverse Universe

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



82, 6.127, 354.271



95, 8.087, 354.390



84, 4.599, 215.888



42, 4.993, 354.532



36, 63.932, 17.704



5, 22.397, 4.491

Previews

White Background



This preview shows how the CIELCh color 82, 6.129, 354.260 looks on a white background.

Color Contrast Check

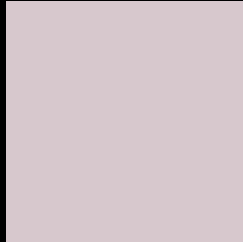
Large Text (above 18pt) WCAG AA × Fail

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 82, 6.129, 354.260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

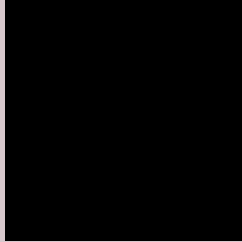
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

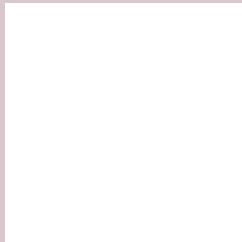
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 6.129, 354.260

Background



This preview shows how black text looks on a background with the CIELCh color 82, 6.129, 354.260.



This preview shows how white text looks on a background with the CIELCh color 82, 6.129, 354.260.

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, 6.129, 354.260

Protanopia

82, 2.591, 324.446

Deuteranopia

82, 10.156, 355.615



Tritanopia
82, 10.322, 329.861

Trichromacy



Original Color
82, 6.129, 354.260

Protanomaly
82, 3.629, 343.845

Deuteranomaly
82, 8.585, 354.536

Tritanomaly
82, 8.906, 334.542

Monochromacy



Original Color
82, 6.129, 354.260

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 2.448, 353.756

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 6.129, 354.260 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(215, 200, 205)` looks like.

```
.text, #text, p{  
    color:rgb(215, 200, 205)  
}
```

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(215, 200, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 200, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 6.129, 354.260 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(215, 200, 205) }
```

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

```
.border{ border-color:rgb(215, 200, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 200, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 200, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 200, 205);  
box-shadow:4px 4px 4px 4px rgb(215, 200,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 6.129, 354.260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 200, 205) }
```

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

```
.background{ background-color: rgb(215,  
200, 205) }
```

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