

Converting Colors

CIELCh(57, 41.995, 357.526)

Have a look what the booklet for
CIELCh(57, 41.995, 357.526)
contains.

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Color

CIELCh(57, 41.995, 357.526)

Conversions

Conversions Part 1

Format	Color
Hex	CA6A8D
RGB	202, 106, 141
RGB Percent	79%, 42%, 55%
CMY	0.2063, 0.5829, 0.4457
CMYK	0.00, 0.47, 0.30, 0.21
HSL	338°, 48%, 61%
HSV	338°, 47%, 79%
XYZ	34.4836, 24.9227, 28.3260
YIQ	138.6940, 45.9810, 31.2370

Conversions

Conversions Part 2

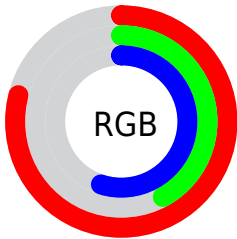
Format	Color
R_{YB}	202, 106, 141
Decimal	13265549
CIE _{Lab}	57.00, 41.96, -1.81
CIE _{LCh}	57, 41.995, 357.526
Yxy	24.9227, 0.3931, 0.2841
Android (android.graphics.Color)	4291455629 (0xFFCA6A8D)
YUV	138.6940, 1.1369, 55.5194
Hunter-Lab	49.9226, 35.9327, 1.3047

Details

The CIELCh color $57, 41.995, 357.526$ is a dark color, and the websafe version is hex `CC6699`. A complement of this color would be $75, 37.707, 166.558$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $76, 39.832, 355.656$, and $37, 42.103, 357.318$ is the 20% darker color. If you saturate the color by 10%, you get $53, 50.330, 359.538$, and if you desaturate by 10%, it is $62, 33.132, 355.884$.

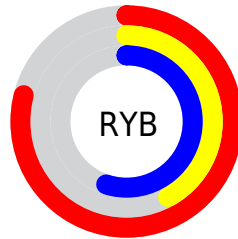
Distribution



Red (79%)

Green (42%)

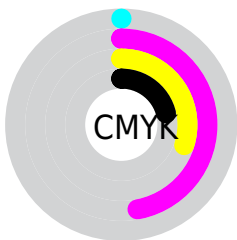
Blue (55%)



Red (79%)

Yellow (42%)

Blue (55%)

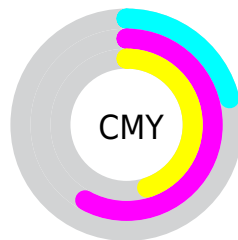


Cyan (0%)

Magenta (47%)

Yellow (30%)

Black (21%)



Cyan (21%)


Magenta (58%)


Yellow (45%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 41.995, 357.526 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 57, 41.995, 357.526 by changing the saturation by 10% instead.


 57, 41.995,
357.526


 57, 41.995,
357.526


 100, 41.995,
357.526


 47, 41.995,
357.526


 77, 41.995,
357.526

 37, 41.995,
357.526

 87, 41.995,
357.526

 27, 41.995,
357.526

 97, 41.995,
357.526

 17, 41.995,
357.526

 7, 41.995, 357.526

 0, 41.995, 357.526

57, 41.995,
357.526

57, 41.995,
357.526

53, 50.330,
359.538

62, 33.132,
355.884

49, 57.724, 2.051

67, 24.091,
354.508

46, 63.758, 5.233

72, 15.113,
353.326

44, 68.190, 9.258

43, 71.195, 14.186

77, 6.347, 352.266

43, 71.938, 15.480

83, 2.123, 171.656

88, 10.259,
170.682

94, 18.054,
169.937

96, 18.678,
181.049

■ 97, 17.371,
198.354

Harmonies

Complementary

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



57, 41.995, 357.526



75, 37.707, 166.558

Rectangle

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



57, 41.995, 357.526



57, 41.995, 47.526



57, 41.995, 177.526



57, 41.995, 227.526

Sweetspot

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



57, 41.992, 357.528



91, 14.551, 352.972



55, 58.010, 315.634



47, 10.081, 353.208



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



57, 41.992, 357.528



66, 60.206, 359.611



59, 37.620, 34.092



40, 4.880, 352.470



35, 61.857, 14.616



4, 18.869, 1.529

Inverse Universe

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



57, 41.992, 357.528



66, 60.206, 359.611



72, 26.166, 213.172



40, 4.880, 352.470



35, 61.857, 14.616



4, 18.869, 1.529

Previews

White Background



This preview shows how the CIELCh color 57, 41.995, 357.526 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 57, 41.995, 357.526 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

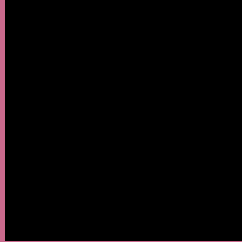
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 41.995, 357.526

Background



This preview shows how black text looks on a background with the CIELCh color 57, 41.995, 357.526.

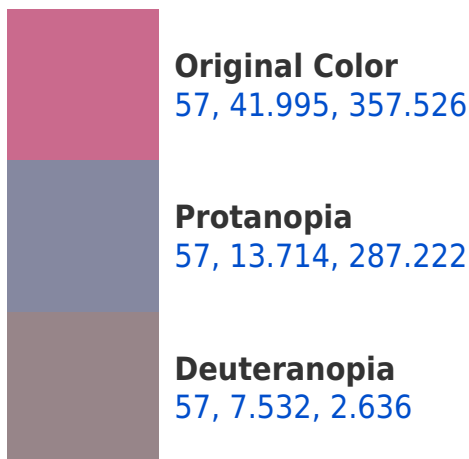


This preview shows how white text looks on a background with the CIELCh color 57, 41.995, 357.526.

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





Tritanopia
57, 37.653, 17.381

Trichromacy



Original Color
57, 41.995, 357.526

Protanomaly
56, 20.401, 330.119

Deuteranomaly
57, 20.817, 356.098

Tritanomaly
57, 38.828, 9.606

Monochromacy



Original Color
57, 41.995, 357.526

Achromatopsia
58, 0.007, 296.813

Achromatomaly
57, 15.753, 353.296

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 41.995, 357.526 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(202, 106, 141)` looks like.

```
.text, #text, p{  
    color:rgb(202, 106, 141)  
}
```

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(202, 106, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 106, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 41.995, 357.526 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(202, 106, 141) }
```

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

```
.border{ border-color:rgb(202, 106, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 106, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 106, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 106, 141);  
box-shadow:4px 4px 4px 4px rgb(202, 106,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 41.995, 357.526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 106, 141) }
```

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

```
.background{ background-color: rgb(202,  
106, 141) }
```

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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