

Converting Colors

CIELCh(59, 44.580, 2.480)

Have a look what the booklet for
CIELCh(59, 44.580, 2.480) contains.

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Color

CIELCh(59, 44.513, 2.850)

Conversions

Conversions Part 1

Format	Color
Hex	D66D8C
RGB	214, 109, 140
RGB Percent	84%, 43%, 55%
CMY	0.1618, 0.5735, 0.4519
CMYK	0.00, 0.49, 0.35, 0.16
HSL	342°, 56%, 63%
HSV	342°, 49%, 84%
XYZ	37.8119, 27.0277, 27.9433
YIQ	143.9290, 52.6290, 31.9010

Conversions

Conversions Part 2

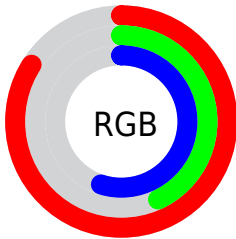
Format	Color
R _Y B	214, 109, 140
Decimal	14052748
CIE Lab	59.00, 44.46, 2.21
CIE LCh	59, 44.513, 2.850
Yxy	27.0277, 0.4075, 0.2913
Android (android.graphics.Color)	4292242828 (0xFFD66D8C)
YUV	143.9290, -1.9370, 61.4523
Hunter-Lab	51.9882, 38.8468, 4.5238

Details

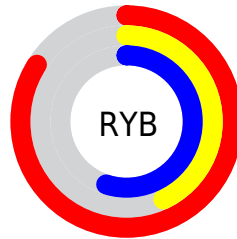
The CIELCh color **59, 44.513, 2.850** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **79, 38.308, 170.999**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **77, 37.903, 358.391**, and **39, 44.267, 3.016** is the 20% darker color. If you saturate the color by 10%, you get **55, 53.231, 5.149**, and if you desaturate by 10%, it is **64, 35.312, 1.004**.

Distribution



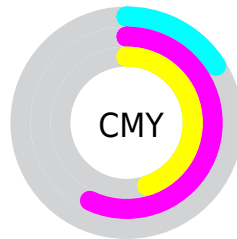
- Red (84%)
- Green (43%)
- Blue (55%)



- Red (84%)
- Yellow (43%)
- Blue (55%)



- Cyan (0%)
- Magenta (49%)
- Yellow (35%)
- Black (16%)



- Cyan (16%)
- Magenta (57%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 44.513, 2.850 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 59, 44.513, 2.850 by changing the saturation by 10% instead.

 59, 44.513, 2.850  59, 44.513, 2.850

 100, 44.513, 2.850  49, 44.513, 2.850


 79, 44.513, 2.850  39, 44.513, 2.850


 89, 44.513, 2.850  29, 44.513, 2.850

 99, 44.513, 2.850  19, 44.513, 2.850

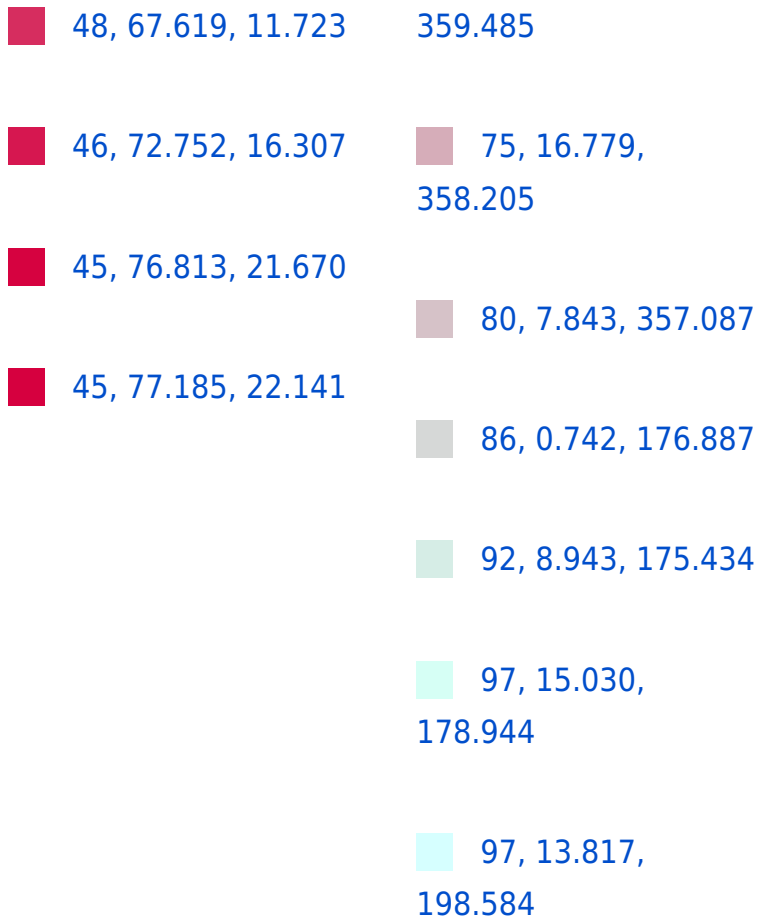
 9, 44.513, 2.850

 0, 44.513, 2.850

 59, 44.513, 2.850  59, 44.513, 2.850

 55, 53.231, 5.149  64, 35.312, 1.004

 51, 61.059, 8.048  69, 25.986,



Harmonies

Complementary

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



59, 44.513, 2.850



79, 38.308, 170.999

Rectangle

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



59, 44.513, 2.850



59, 44.513, 52.850



59, 44.513, 182.850



59, 44.513, 232.850

Sweetspot

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



59, 44.510, 2.852



90, 15.083, 357.748



58, 63.234, 317.785



47, 10.333, 357.991



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



59, 44.510, 2.852



65, 61.275, 5.273



63, 39.250, 39.810



42, 4.897, 357.120



36, 64.974, 21.170



5, 22.263, 6.470

Inverse Universe

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



59, 44.510, 2.852



65, 61.275, 5.273



74, 27.100, 222.796



42, 4.897, 357.120



36, 64.974, 21.170



5, 22.263, 6.470

Previews

White Background



This preview shows how the CIELCh color 59, 44.513, 2.850 looks on a white background.

Color Contrast Check

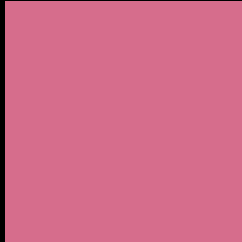
Large Text (above 18pt) WCAG AA ✓ Pass

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 59, 44.513, 2.850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

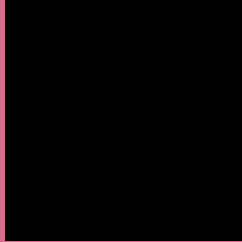
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 44.513, 2.850

Background



This preview shows how black text looks on a background with the CIELCh color 59, 44.513, 2.850.

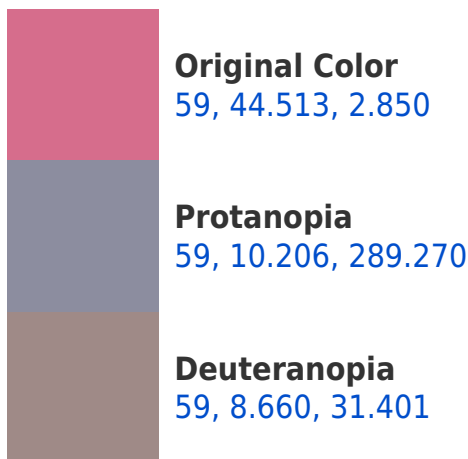


This preview shows how white text looks on a background with the CIELCh color 59, 44.513, 2.850.

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
59, 42.178, 18.695

Trichromacy



Original Color
59, 44.513, 2.850

Protanomaly
58, 19.651, 340.144

Deuteranomaly
59, 21.769, 6.989

Tritanomaly
59, 42.683, 13.034

Monochromacy



Original Color
59, 44.513, 2.850

Achromatopsia
60, 0.008, 296.813

Achromatomaly
59, 16.356, 358.983

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 44.513, 2.850 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(214, 109, 140)` looks like.

```
.text, #text, p{  
    color:rgb(214, 109, 140)  
}
```

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(214, 109, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 109, 140) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 44.513, 2.850 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(214, 109, 140) }
```

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

```
.border{ border-color:rgb(214, 109, 140) }
```

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

Here you see how a box with a 4 pixel rgb(214, 109, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 109, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 109, 140);  
box-shadow:4px 4px 4px 4px rgb(214, 109,  
140) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 44.513, 2.850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 109, 140) }
```

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

```
.background{ background-color: rgb(214,  
109, 140) }
```

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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