

Converting Colors

CIELCh(59, 46.376, 4.196)

Have a look what the booklet for
CIELCh(59, 46.376, 4.196) contains.

CIELCh(59, 46.376, 4.196)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(59, 46.376, 4.196)

Conversions

Conversions Part 1

Format	Color
Hex	D96B8A
RGB	217, 107, 138
RGB Percent	85%, 42%, 54%
CMY	0.1498, 0.5811, 0.4595
CMYK	0.00, 0.51, 0.36, 0.15
HSL	343°, 59%, 63%
HSV	343°, 51%, 85%
XYZ	38.3680, 27.0277, 27.1722
YIQ	143.4240, 55.6090, 32.9610

Conversions

Conversions Part 2

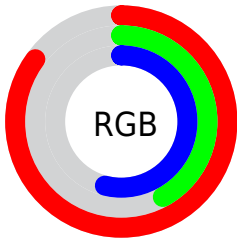
Format	Color
R _Y B	217, 107, 138
Decimal	14248842
CIE Lab	59.00, 46.25, 3.39
CIE LCh	59, 46.376, 4.196
Yxy	27.0277, 0.4145, 0.2920
Android (android.graphics.Color)	4292438922 (0xFFD96B8A)
YUV	143.4240, -2.6740, 64.5262
Hunter-Lab	51.9882, 40.7559, 5.4033

Details

The CIELCh color $59, 46.376, 4.196$ is a light color, and the websafe version is hex `CC6699`. A complement of this color would be $80, 39.378, 171.753$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $76, 38.653, 359.002$, and $39, 46.455, 4.460$ is the 20% darker color. If you saturate the color by 10%, you get $55, 55.125, 6.620$, and if you desaturate by 10%, it is $64, 37.103, 2.259$.

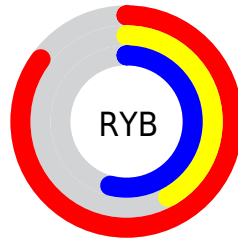
Distribution



Red (85%)

Green (42%)

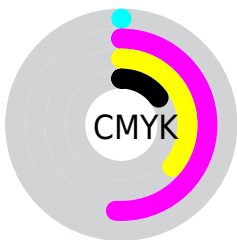
Blue (54%)



Red (85%)

Yellow (42%)

Blue (54%)

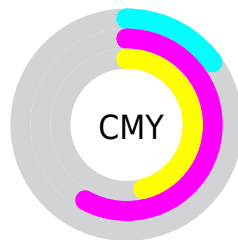


Cyan (0%)

Magenta (51%)

Yellow (36%)

Black (15%)



Cyan (15%)

Magenta (58%)

Yellow (46%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 46.376, 4.196 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, 46.376, 4.196 by changing the saturation by 10% instead.

 59, 46.376, 4.196  59, 46.376, 4.196

 100, 46.376, 4.196  49, 46.376, 4.196

 79, 46.376, 4.196  39, 46.376, 4.196

 89, 46.376, 4.196  29, 46.376, 4.196

 99, 46.376, 4.196  19, 46.376, 4.196

 9, 46.376, 4.196

 0, 46.376, 4.196

 59, 46.376, 4.196  59, 46.376, 4.196

 55, 55.125, 6.620  64, 37.103, 2.259

 51, 62.943, 9.685  69, 27.678, 0.676

■ 48, 69.476, 13.562

■ 75, 18.359,
359.351

■ 47, 74.626, 18.355

■ 80, 9.311, 358.207

■ 46, 78.598, 23.393

■ 86, 0.621, 356.468

■ 92, 7.675, 176.515

■ 97, 13.767,
180.811

■ 97, 12.837,
198.649

Harmonies

Complementary

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



59, 46.376, 4.196



80, 39.378, 171.753

Rectangle

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



59, 46.376, 4.196



59, 46.376, 54.196



59, 46.376, 184.196



59, 46.376, 234.196

Sweetspot

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



59, 46.373, 4.198



90, 14.991, 358.695



58, 66.123, 318.361



47, 10.272, 358.939



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, 46.373, 4.198



64, 63.095, 6.849



63, 40.889, 41.346



43, 4.960, 358.067



36, 66.155, 22.437



5, 23.856, 7.871

Inverse Universe

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



59, 46.373, 4.198



64, 63.095, 6.849



74, 27.956, 225.523



43, 4.960, 358.067



36, 66.155, 22.437



5, 23.856, 7.871

Previews

White Background



This preview shows how the CIELCh color 59, 46.376, 4.196 looks on a white background.

Color Contrast Check

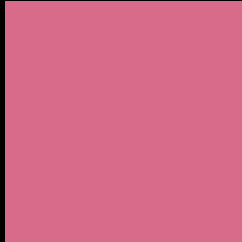
Large Text (above 18pt) WCAG AA ✓ Pass

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, 46.376, 4.196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

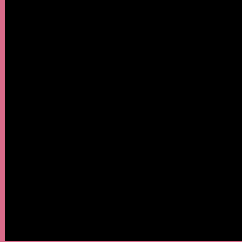
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 46.376, 4.196

Background



This preview shows how black text looks on a background with the CIELCh color 59, 46.376, 4.196.

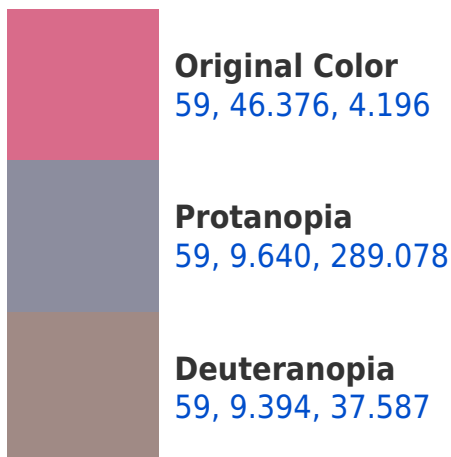


This preview shows how white text looks on a background with the CIELCh color 59, 46.376, 4.196.

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, 44.366, 19.342

Trichromacy



Original Color
59, 46.376, 4.196

Protanomaly
58, 19.604, 342.239

Deuteranomaly
59, 22.444, 10.465

Tritanomaly
59, 44.775, 13.964

Monochromacy



Original Color
59, 46.376, 4.196

Achromatopsia
59, 0.008, 296.813

Achromatomaly
58, 17.132, 0.143

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 46.376, 4.196 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(217, 107, 138)` looks like.

```
.text, #text, p{  
  color:rgb(217, 107, 138)  
}
```

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(217, 107, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 107, 138) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 46.376, 4.196 is called "border". The border property can be set on classes, ids or directly on the HTML element.

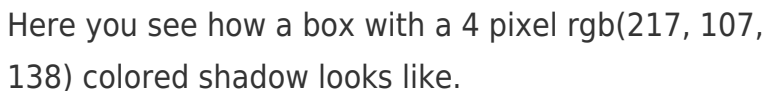
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(217, 107, 138) }
```

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

```
.border{ border-color:rgb(217, 107, 138) }
```

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



Here you see how a box with a 4 pixel rgb(217, 107, 138) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 107, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 107, 138);  
box-shadow:4px 4px 4px 4px rgb(217, 107,  
138) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 46.376, 4.196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 107, 138) }
```

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

```
.background{ background-color: rgb(217,  
107, 138) }
```

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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