

Converting Colors

CIELCh(61, 42.293, 5.896)

Have a look what the booklet for
CIELCh(61, 42.293, 5.896) contains.

CIELCh(61, 42.296, 5.893)	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(61, 42.296, 5.893)

Conversions

Conversions Part 1	
Format	Color
Hex	D9748D
RGB	217, 116, 141
RGB Percent	85%, 45%, 55%
CMY	0.1482, 0.5443, 0.4463
CMYK	0.00, 0.47, 0.35, 0.15
HSL	345°, 57%, 65%
HSV	345°, 47%, 85%
XYZ	39.7681, 29.2481, 28.8223
YIQ	149.0490, 52.1710, 29.1870

Conversions

Conversions Part 2

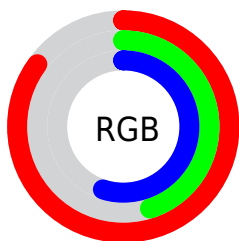
Format	Color
RYB	217, 116, 141
Decimal	14251149
CIELab	61.00, 42.07, 4.34
CIELCh	61, 42.296, 5.893
Yxy	29.2481, 0.4065, 0.2989
Android (android.graphics.Color)	4292441229 (0xFFD9748D)
YUV	149.0490, -3.9682, 59.5930
Hunter-Lab	54.0815, 36.6149, 6.2590

Details

The CIELCh color **61, 42.296, 5.893** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **80, 35.648, 174.893**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **78, 34.528, 0.229**, and **41, 42.261, 5.842** is the 20% darker color. If you saturate the color by 10%, you get **56, 51.439, 8.162**, and if you desaturate by 10%, it is **66, 32.871, 4.075**.

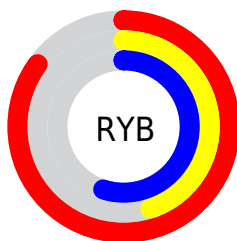
Distribution



Red (85%)

Green (45%)

Blue (55%)



Red (85%)

Yellow (45%)

Blue (55%)

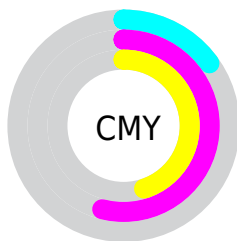


Cyan (0%)

Magenta (47%)

Yellow (35%)

Black (15%)



Cyan (15%)

Magenta (54%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 42.296, 5.893 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 61, 42.296, 5.893 by changing the saturation by 10% instead.

 61, 42.296, 5.893  61, 42.296, 5.893

 100, 42.296, 5.893  51, 42.296, 5.893

 81, 42.296, 5.893  41, 42.296, 5.893

 91, 42.296, 5.893  31, 42.296, 5.893

 21, 42.296, 5.893

 11, 42.296, 5.893

 1, 42.296, 5.893

 0, 42.296, 5.893

 61, 42.296, 5.893  61, 42.296, 5.893

 56, 51.439, 8.162  66, 32.871, 4.075

 53, 59.922, 11.026

 71, 23.478, 2.584

 49, 67.363, 14.652

 77, 14.321, 1.332


 47, 73.547, 19.161


 83, 5.516, 0.221

 46, 78.590, 24.486

 89, 2.882, 179.590

 46, 80.308, 26.353

 95, 10.861,
178.657

 97, 12.702,
198.657

Harmonies

Complementary

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



61, 42.296, 5.893



80, 35.648, 174.893

Rectangle

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



61, 42.296, 5.893



61, 42.296, 55.893



61, 42.296, 185.893



61, 42.296, 235.893

Sweetspot

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



61, 42.293, 5.895



91, 13.761, 1.060



61, 61.199, 319.254



47, 9.547, 1.309



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



61, 42.293, 5.895



66, 58.062, 8.163



66, 36.287, 44.290



43, 4.884, 0.543



36, 67.421, 25.400



5, 23.795, 9.535

Inverse Universe

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



61, 42.293, 5.895



66, 58.062, 8.163



74, 26.101, 229.855



43, 4.884, 0.543



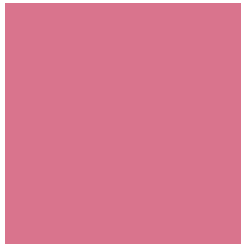
36, 67.421, 25.400



5, 23.795, 9.535

Previews

White Background



This preview shows how the CIELCh color 61, 42.296, 5.893 looks on a white background.

Color Contrast Check

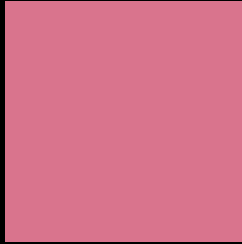
Large Text (above 18pt) WCAG AA ✓ Pass

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 61, 42.296, 5.893 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 61, 42.296, 5.893

Background



This preview shows how black text looks on a background with the CIELCh color 61, 42.296, 5.893.



This preview shows how white text looks on a background with the CIELCh color 61, 42.296, 5.893.

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

61, 42.296, 5.893

Protanopia

61, 6.756, 290.933

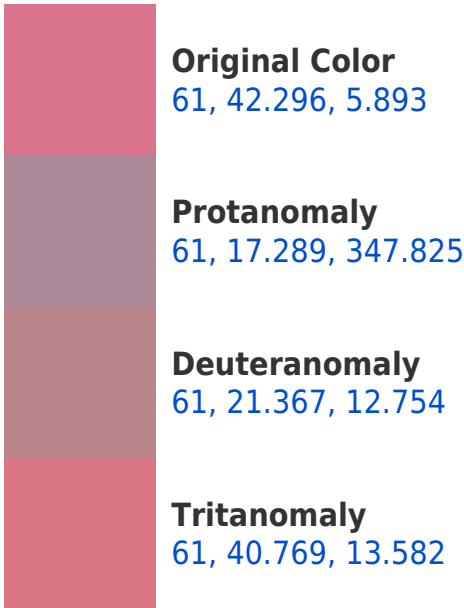
Deuteranopia

61, 10.130, 36.251

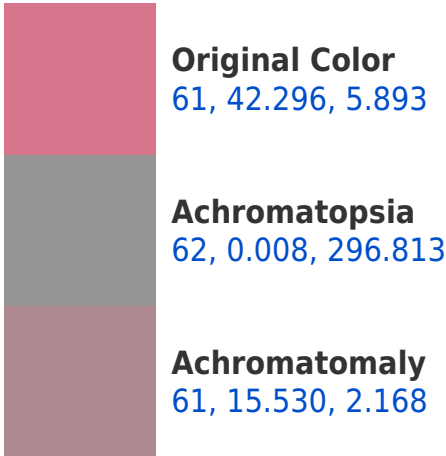


Tritanopia
61, 40.550, 18.062

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 42.296, 5.893 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, 116, 141)` looks like.

```
.text, #text, p{  
    color:rgb(217, 116, 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(217, 116, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 116, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 42.296, 5.893 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, 116, 141) }
```

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

```
.border{ border-color:rgb(217, 116, 141) }
```

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

Here you see how a box with a 4 pixel rgb(217, 116, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 116, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 116, 141);  
box-shadow:4px 4px 4px 4px rgb(217, 116,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 42.296, 5.893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 116, 141) }
```

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

```
.background{ background-color: rgb(217,  
116, 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](#).

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