

Converting Colors

CIELCh(61, 44.800, 352.029)

Have a look what the booklet for
CIELCh(61, 44.800, 352.029)
contains.

CIELCh(61, 44.624, 352.289)	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(61, 44.624, 352.289)

Conversions

Conversions Part 1

Format	Color
Hex	D7739F
RGB	215, 115, 159
RGB Percent	84%, 45%, 62%
CMY	0.1565, 0.5487, 0.3761
CMYK	0.00, 0.46, 0.26, 0.16
HSL	334°, 56%, 65%
HSV	334°, 46%, 84%
XYZ	40.4573, 29.2481, 36.3524
YIQ	149.9160, 45.4760, 34.8840

Conversions

Conversions Part 2

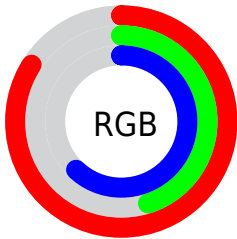
Format	Color
R _Y B	215, 115, 159
Decimal	14119839
CIE Lab	61.00, 44.22, -5.99
CIE LCh	61, 44.624, 352.289
Yxy	29.2481, 0.3815, 0.2758
Android (android.graphics.Color)	4292309919 (0xFFD7739F)
YUV	149.9160, 4.4784, 57.0787
Hunter-Lab	54.0815, 38.8897, -1.9963

Details

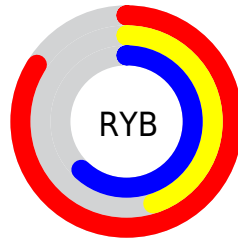
The CIELCh color **61, 44.624, 352.289** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **79, 41.468, 162.102**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 39.075, 345.584**, and **41, 44.639, 352.211** is the 20% darker color. If you saturate the color by 10%, you get **57, 53.445, 354.043**, and if you desaturate by 10%, it is **66, 35.144, 350.833**.

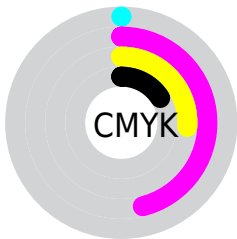
Distribution



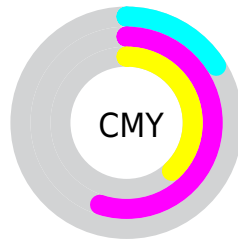
- Red (84%)
- Green (45%)
- Blue (62%)



- Red (84%)
- Yellow (45%)
- Blue (62%)



- Cyan (0%)
- Magenta (46%)
- Yellow (26%)
- Black (16%)



- Cyan (16%)
- Magenta (55%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 44.624, 352.289 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, 44.624, 352.289 by changing the saturation by 10% instead.

 61, 44.624,
352.289

 61, 44.624,
352.289

 100, 44.624,
352.289

 51, 44.624,
352.289

 81, 44.624,
352.289

 41, 44.624,
352.289

 91, 44.624,
352.289

 31, 44.624,
352.289

 21, 44.624,
352.289

 11, 44.624,
352.289

 1, 44.624, 352.289

 0, 44.624, 352.289

61, 44.624,
352.289

61, 44.624,
352.289

57, 53.445,
354.043

66, 35.144,
350.833

53, 61.141,
356.203

71, 25.397,
349.591

50, 67.226,
358.922

77, 15.651,
348.505

48, 71.374, 2.374

82, 6.078, 347.510

46, 73.645, 6.703

88, 3.220, 166.874

46, 74.285, 8.335

94, 12.195,
166.002

97, 15.000,
175.182

97, 13.382,
198.612

Harmonies

Complementary

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



61, 44.624, 352.289



79, 41.468, 162.102

Rectangle

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



61, 44.624, 352.289



61, 44.624, 42.289



61, 44.624, 172.289



61, 44.624, 222.289

Sweetspot

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



61, 44.621, 352.290



91, 15.207, 348.267



58, 59.162, 312.989



47, 10.528, 348.487



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, 44.621, 352.290



67, 60.817, 354.052



61, 41.138, 27.760



42, 5.317, 347.800



36, 62.544, 7.476



5, 23.002, 358.199

Inverse Universe

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



61, 44.621, 352.290



67, 60.817, 354.052



79, 29.040, 202.725



42, 5.317, 347.800



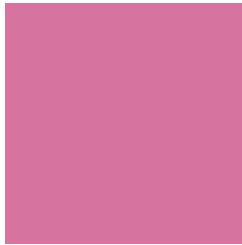
36, 62.544, 7.476



5, 23.002, 358.199

Previews

White Background



This preview shows how the CIELCh color 61, 44.624, 352.289 looks on a white background.

Color Contrast Check

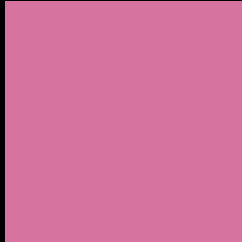
Large Text (above 18pt) WCAG AA ✓ Pass

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, 44.624, 352.289 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, 44.624, 352.289

Background



This preview shows how black text looks on a background with the CIELCh color 61, 44.624, 352.289.



This preview shows how white text looks on a background with the CIELCh color 61, 44.624, 352.289.

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
61, 37.919, 16.429

Trichromacy



Original Color
61, 44.624, 352.289

Protanomaly
60, 24.055, 321.700

Deuteranomaly
61, 21.967, 345.945

Tritanomaly
61, 39.347, 6.417

Monochromacy



Original Color
61, 44.624, 352.289

Achromatopsia
62, 0.008, 296.813

Achromatomaly
61, 16.994, 349.428

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 44.624, 352.289 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, 115, 159)` looks like.

```
.text, #text, p{  
    color:rgb(215, 115, 159)  
}
```

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, 115, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 115, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 44.624, 352.289 is called "border". The border property can be set on classes, ids or directly on the HTML element.

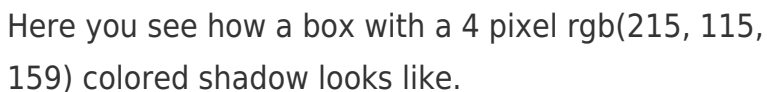
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(215, 115, 159) }
```

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

```
.border{ border-color:rgb(215, 115, 159) }
```

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



Here you see how a box with a 4 pixel `rgb(215, 115, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 115, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 115, 159);  
box-shadow:4px 4px 4px 4px rgb(215, 115,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 44.624, 352.289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 115, 159) }
```

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

```
.background{ background-color: rgb(215,  
115, 159) }
```

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