

Converting Colors

CIELCh(61, 50.016, 355.267)

Have a look what the booklet for
CIELCh(61, 50.016, 355.267)
contains.

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Color

CIELCh(61, 49.988, 355.227)

Conversions

Conversions Part 1

Format	Color
Hex	E06D9C
RGB	224, 109, 156
RGB Percent	88%, 43%, 61%
CMY	0.1209, 0.5719, 0.3877
CMYK	0.00, 0.51, 0.30, 0.12
HSL	335°, 65%, 65%
HSV	335°, 51%, 88%
XYZ	42.2896, 29.2481, 34.9343
YIQ	148.7430, 53.4530, 38.9970

Conversions

Conversions Part 2

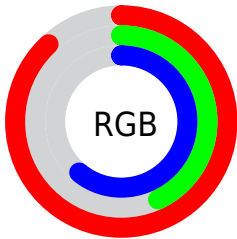
Format	Color
R _Y B	224, 109, 156
Decimal	14708124
CIE Lab	61.00, 49.81, -4.16
CIE LCh	61, 49.988, 355.227
Yxy	29.2481, 0.3972, 0.2747
Android (android.graphics.Color)	4292898204 (0xFFE06D9C)
YUV	148.7430, 3.5777, 66.0004
Hunter-Lab	54.0815, 44.9370, -0.4417

Details

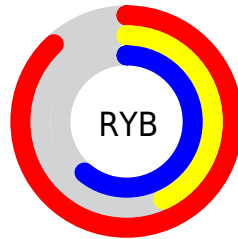
The CIELCh color **61, 49.988, 355.227** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **82, 45.556, 163.237**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **78, 40.906, 346.826**, and **41, 50.128, 355.252** is the 20% darker color. If you saturate the color by 10%, you get **57, 58.610, 357.289**, and if you desaturate by 10%, it is **66, 40.510, 353.549**.

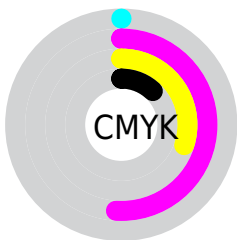
Distribution



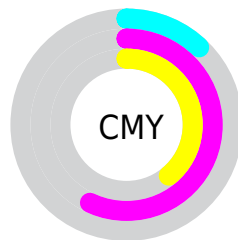
- Red (88%)
- Green (43%)
- Blue (61%)



- Red (88%)
- Yellow (43%)
- Blue (61%)



- Cyan (0%)
- Magenta (51%)
- Yellow (30%)
- Black (12%)



- Cyan (12%)
- Magenta (57%)
- Yellow (39%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 49.988, 355.227 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, 49.988, 355.227 by changing the saturation by 10% instead.

 61, 49.988,
355.227


 61, 49.988,
355.227


 100, 49.988,
355.227

 51, 49.988,
355.227


 81, 49.988,
355.227

 41, 49.988,
355.227

 91, 49.988,
355.227

 31, 49.988,
355.227

 21, 49.988,
355.227

 11, 49.988,
355.227

 1, 49.988, 355.227

 0, 49.988, 355.227

61, 49.988,
355.227

61, 49.988,
355.227

57, 58.610,
357.289

66, 40.510,
353.549

53, 65.884,
359.871

71, 30.622,
352.145

50, 71.379, 3.150

77, 20.650,
350.942

49, 74.944, 7.298

83, 10.810,
349.880

48, 76.924, 11.557

88, 1.234, 348.616

94, 8.013, 168.239

98, 11.058,
182.504

98, 10.446,
198.810

Harmonies

Complementary

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



61, 49.988, 355.227



82, 45.556, 163.237

Rectangle

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



61, 49.988, 355.227



61, 49.988, 45.227



61, 49.988, 175.227



61, 49.988, 225.227

Sweetspot

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



61, 49.985, 355.228



90, 16.011, 350.272



58, 67.741, 314.243



47, 10.955, 350.496



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, 49.985, 355.228



64, 65.603, 357.553



62, 46.537, 30.851



44, 5.419, 349.692



37, 64.096, 10.633



6, 25.734, 1.176

Inverse Universe

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



61, 49.985, 355.228



64, 65.603, 357.553



80, 31.246, 206.824



44, 5.419, 349.692



37, 64.096, 10.633



6, 25.734, 1.176

Previews

White Background



This preview shows how the CIELCh color 61, 49.988, 355.227 looks on a white background.

Color Contrast Check

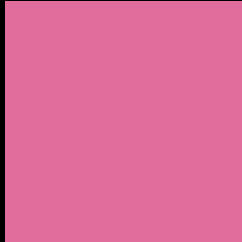
Large Text (above 18pt) WCAG AA ✓ Pass

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, 49.988, 355.227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

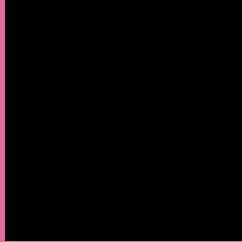
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 49.988, 355.227

Background



This preview shows how black text looks on a background with the CIELCh color 61, 49.988, 355.227.



This preview shows how white text looks on a background with the CIELCh color 61, 49.988, 355.227.

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, 49.988, 355.227

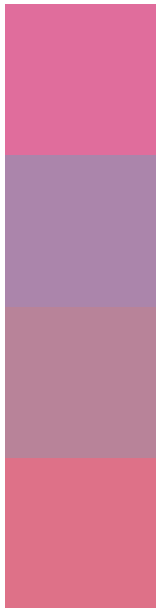
Protanopia
61, 19.204, 286.053

Deuteranopia
61, 8.344, 347.685



Tritanopia
61, 44.409, 18.520

Trichromacy



Original Color
61, 49.988, 355.227

Protanomaly
60, 25.686, 325.629

Deuteranomaly
61, 24.030, 351.371

Tritanomaly
61, 45.349, 9.203

Monochromacy



Original Color
61, 49.988, 355.227

Achromatopsia
62, 0.008, 296.813

Achromatomaly
61, 18.642, 350.748

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 49.988, 355.227 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(224, 109, 156)` looks like.

```
.text, #text, p{  
    color:rgb(224, 109, 156)  
}
```

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(224, 109, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 109, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 49.988, 355.227 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(224, 109, 156) }
```

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

```
.border{ border-color:rgb(224, 109, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 109, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 109, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 109, 156);  
box-shadow:4px 4px 4px 4px rgb(224, 109,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 49.988, 355.227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 109, 156) }
```

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

```
.background{ background-color: rgb(224,  
109, 156) }
```

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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