

Converting Colors

CIELCh(61, 52.433, 352.796)

Have a look what the booklet for
CIELCh(61, 52.433, 352.796)
contains.

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Color

CIELCh(61, 52.331, 352.993)

Conversions

Conversions Part 1

Format	Color
Hex	E26BA0
RGB	226, 107, 160
RGB Percent	89%, 42%, 63%
CMY	0.1135, 0.5801, 0.3723
CMYK	0.00, 0.53, 0.29, 0.11
HSL	333°, 67%, 65%
HSV	333°, 53%, 89%
XYZ	42.9999, 29.2481, 36.6648
YIQ	148.6230, 53.9110, 41.7110

Conversions

Conversions Part 2

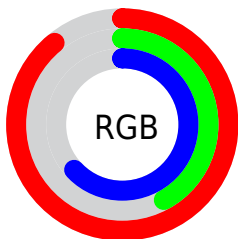
Format	Color
R _Y B	226, 107, 160
Decimal	14838688
CIE Lab	61.00, 51.94, -6.38
CIE LCh	61, 52.331, 352.993
Yxy	29.2481, 0.3948, 0.2685
Android (android.graphics.Color)	4293028768 (0xFFE26BA0)
YUV	148.6230, 5.6089, 67.8596
Hunter-Lab	54.0815, 47.2817, -2.3388

Details

The CIELCh color **61, 52.331, 352.993** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **82, 48.446, 160.909**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **77, 43.447, 343.341**, and **41, 52.649, 352.858** is the 20% darker color. If you saturate the color by 10%, you get **57, 60.833, 354.974**, and if you desaturate by 10%, it is **66, 42.825, 351.374**.

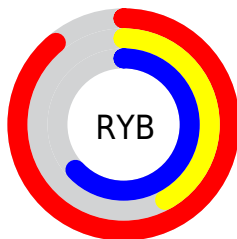
Distribution



Red (89%)

Green (42%)

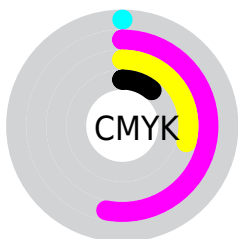
Blue (63%)



Red (89%)

Yellow (42%)

Blue (63%)

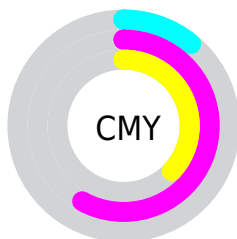


Cyan (0%)

Magenta (53%)

Yellow (29%)

Black (11%)



Cyan (11%)


Magenta (58%)


Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 52.331, 352.993 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, 52.331, 352.993 by changing the saturation by 10% instead.


 61, 52.331,
352.993


 61, 52.331,
352.993


 100, 52.331,
352.993


 51, 52.331,
352.993


 81, 52.331,
352.993

 41, 52.331,
352.993

 91, 52.331,
352.993

 31, 52.331,
352.993

 21, 52.331,
352.993

 11, 52.331,
352.993

 1, 52.331, 352.993

 0, 52.331, 352.993

61, 52.331,
352.993

61, 52.331,
352.993

57, 60.833,
354.974

66, 42.825,
351.374

53, 67.821,
357.447

71, 32.794,
350.012

51, 72.859, 0.585

77, 22.594,
348.840

49, 75.828, 4.557

82, 12.469,
347.802

48, 77.103, 7.967

88, 2.570, 346.751

94, 7.021, 166.182

98, 10.659,
178.699

98, 9.821, 198.853

Harmonies

Complementary

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



61, 52.331, 352.993



82, 48.446, 160.909

Rectangle

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



61, 52.331, 352.993



61, 52.331, 42.993



61, 52.331, 172.993



61, 52.331, 222.993

Sweetspot

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



61, 52.328, 352.994



90, 17.481, 348.150



57, 69.774, 313.275



46, 11.831, 348.364



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, 52.328, 352.994



63, 67.295, 355.147



61, 49.502, 28.830



44, 5.544, 347.488



37, 63.914, 7.074



6, 25.964, 358.680

Inverse Universe

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



61, 52.328, 352.994



63, 67.295, 355.147



82, 33.045, 202.739



44, 5.544, 347.488



37, 63.914, 7.074



6, 25.964, 358.680

Previews

White Background



This preview shows how the CIELCh color 61, 52.331, 352.993 looks on a white background.

Color Contrast Check

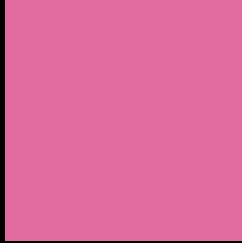
Large Text (above 18pt) WCAG AA ✓ Pass

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, 52.331, 352.993 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, 52.331, 352.993

Background



This preview shows how black text looks on a background with the CIELCh color 61, 52.331, 352.993.



This preview shows how white text looks on a background with the CIELCh color 61, 52.331, 352.993.

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, 52.331, 352.993

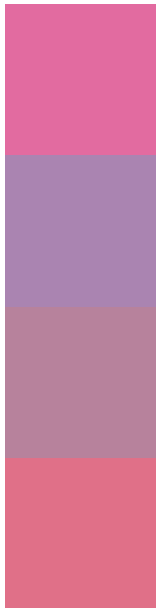
Protanopia
61, 22.602, 285.738

Deuteranopia
61, 8.771, 335.444



Tritanopia
61, 45.312, 19.435

Trichromacy



Original Color
61, 52.331, 352.993

Protanomaly
60, 28.985, 321.272

Deuteranomaly
60, 25.105, 346.836

Tritanomaly
61, 46.555, 9.159

Monochromacy



Original Color
61, 52.331, 352.993

Achromatopsia
62, 0.008, 296.813

Achromatomaly
61, 19.854, 349.189

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 52.331, 352.993 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(226, 107, 160)` looks like.

```
.text, #text, p{  
    color:rgb(226, 107, 160)  
}
```

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(226, 107, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 107, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 52.331, 352.993 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(226, 107, 160) }
```

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

```
.border{ border-color:rgb(226, 107, 160) }
```

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

Here you see how a box with a 4 pixel rgb(226, 107, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 107, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 107, 160);  
box-shadow:4px 4px 4px 4px rgb(226, 107,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 52.331, 352.993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 107, 160) }
```

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

```
.background{ background-color: rgb(226,  
107, 160) }
```

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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