

Converting Colors

CIELCh(60, 37.294, 355.686)

Have a look what the booklet for
CIELCh(60, 37.294, 355.686)
contains.

CIELCh(60, 37.328, 355.717)	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(60, 37.328, 355.717)

Conversions

Conversions Part 1

Format	Color
Hex	CC7797
RGB	204, 119, 151
RGB Percent	80%, 47%, 59%
CMY	0.2014, 0.5346, 0.4092
CMYK	0.00, 0.42, 0.26, 0.20
HSL	337°, 45%, 63%
HSV	337°, 42%, 80%
XYZ	36.9172, 28.1233, 32.6178
YIQ	148.0630, 40.3880, 27.9720

Conversions

Conversions Part 2

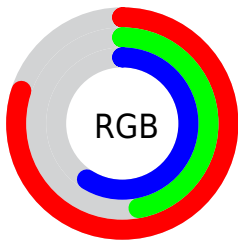
Format	Color
RYB	204, 119, 151
Decimal	13399959
CIELab	60.00, 37.22, -2.79
CIElCh	60, 37.328, 355.717
Yxy	28.1233, 0.3780, 0.2880
Android (android.graphics.Color)	4291590039 (0xFFCC7797)
YUV	148.0630, 1.4479, 49.0567
Hunter-Lab	53.0314, 31.4555, 0.6548

Details

The CIELCh color $60, 37.328, 355.717$ is a light color, and the websafe version is hex `CC6699`. A complement of this color would be $76, 34.091, 166.535$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 34.628, 353.474$, and $40, 37.376, 356.039$ is the 20% darker color. If you saturate the color by 10%, you get $55, 46.057, 357.476$, and if you desaturate by 10%, it is $65, 28.258, 354.259$.

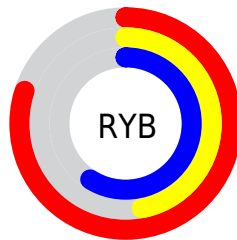
Distribution



Red (80%)

Green (47%)

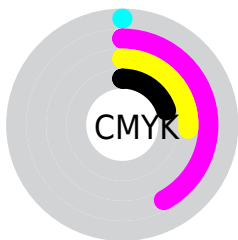
Blue (59%)



Red (80%)

Yellow (47%)

Blue (59%)

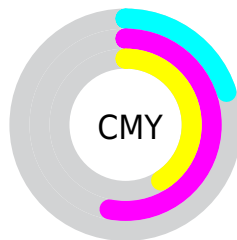


Cyan (0%)

Magenta (42%)

Yellow (26%)

Black (20%)



Cyan (20%)


Magenta (53%)


Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 37.328, 355.717 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 60, 37.328, 355.717 by changing the saturation by 10% instead.


 60, 37.328,
355.717


 60, 37.328,
355.717


 100, 37.328,
355.717


 50, 37.328,
355.717


 80, 37.328,
355.717

 40, 37.328,
355.717

 90, 37.328,
355.717


 30, 37.328,
355.717

 20, 37.328,
355.717

 10, 37.328,
355.717

 0, 37.328, 355.717

 60, 37.328,

 60, 37.328,

355.717

355.717

55, 46.057,
357.476

65, 28.258,
354.259

52, 54.062,
359.643

70, 19.146,
353.016

48, 60.901, 2.366

75, 10.180,
351.927

46, 66.197, 5.821

81, 1.475, 350.722

44, 69.833, 10.169

87, 6.913, 170.261

43, 72.023, 14.331

92, 14.963,
169.471

96, 19.337,
173.965

97, 17.170,
193.591

■ 97, 16.985,
198.379

Harmonies

Complementary

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



60, 37.328, 355.717



76, 34.091, 166.535

Rectangle

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



60, 37.328, 355.717



60, 37.328, 45.717



60, 37.328, 175.717



60, 37.328, 225.717

Sweetspot

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



60, 37.325, 355.719



91, 13.581, 352.078



58, 51.138, 314.872



47, 9.537, 352.315



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



60, 37.325, 355.719



69, 53.494, 357.272



61, 32.915, 32.200



40, 4.914, 351.687



35, 61.665, 13.454



4, 18.941, 0.856

Inverse Universe

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



60, 37.325, 355.719



69, 53.494, 357.272



74, 24.097, 210.697



40, 4.914, 351.687



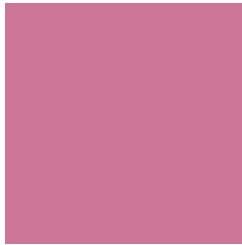
35, 61.665, 13.454



4, 18.941, 0.856

Previews

White Background



This preview shows how the CIELCh color 60, 37.328, 355.717 looks on a white background.

Color Contrast Check

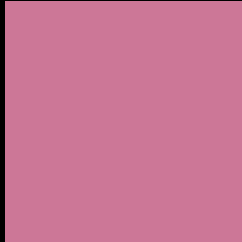
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIE LCh color 60, 37.328, 355.717 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

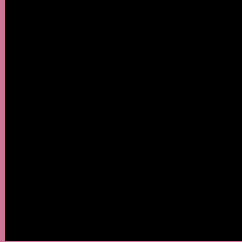
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 37.328, 355.717

Background



This preview shows how black text looks on a background with the CIELCh color 60, 37.328, 355.717.



This preview shows how white text looks on a background with the CIELCh color 60, 37.328, 355.717.

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
60, 37.328, 355.717

Protanopia
60, 12.451, 286.559

Deuteranopia
60, 8.096, 351.088



Tritanopia
60, 33.338, 14.769

Trichromacy



Original Color
60, 37.328, 355.717

Protanomaly
60, 17.960, 329.476

Deuteranomaly
60, 19.162, 353.613

Tritanomaly
60, 34.345, 7.706

Monochromacy



Original Color
60, 37.328, 355.717

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 13.918, 351.943

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 37.328, 355.717 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(204, 119, 151)` looks like.

```
.text, #text, p{  
    color:rgb(204, 119, 151)  
}
```

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(204, 119, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 119, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 37.328, 355.717 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(204, 119, 151) }
```

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

```
.border{ border-color:rgb(204, 119, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 119, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 119, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 119, 151);  
box-shadow:4px 4px 4px 4px rgb(204, 119,  
151) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 37.328, 355.717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 119, 151) }
```

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

```
.background{ background-color: rgb(204,  
119, 151) }
```

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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