

Converting Colors

CIELCh(57, 37.773, 347.841)

Have a look what the booklet for
CIELCh(57, 37.773, 347.841)
contains.

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Color

CIELCh(57, 37.740, 347.815)

Conversions

Conversions Part 1

Format	Color
Hex	C07098
RGB	192, 112, 152
RGB Percent	75%, 44%, 60%
CMY	0.2486, 0.5621, 0.4053
CMYK	0.00, 0.42, 0.21, 0.25
HSL	330°, 39%, 59%
HSV	330°, 42%, 75%
XYZ	33.0347, 24.9227, 32.6219
YIQ	140.4800, 34.8400, 29.4000

Conversions

Conversions Part 2

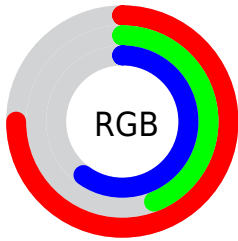
Format	Color
R _Y B	192, 112, 152
Decimal	12611736
CIE Lab	57.00, 36.89, -7.97
CIE LCh	57, 37.740, 347.815
Yxy	24.9227, 0.3647, 0.2751
Android (android.graphics.Color)	4290801816 (0xFFC07098)
YUV	140.4800, 5.6794, 45.1830
Hunter-Lab	49.9226, 30.7523, -3.7972

Details

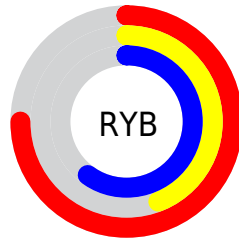
The CIELCh color **57, 37.740, 347.815** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **72, 35.950, 159.510**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 37.849, 347.969**, and **37, 38.074, 347.962** is the 20% darker color. If you saturate the color by 10%, you get **53, 46.255, 349.228**, and if you desaturate by 10%, it is **62, 28.744, 346.607**.

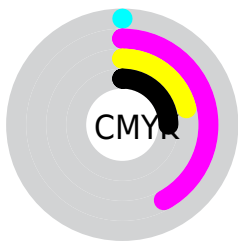
Distribution



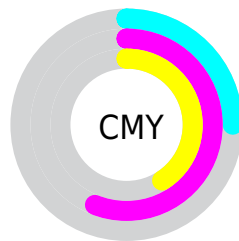
- Red (75%)
- Green (44%)
- Blue (60%)



- Red (75%)
- Yellow (44%)
- Blue (60%)



- Cyan (0%)
- Magenta (42%)
- Yellow (21%)
- Black (25%)





- Cyan (25%)
- Magenta (56%)
- Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 37.740, 347.815 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 57, 37.740, 347.815 by changing the saturation by 10% instead.


 57, 37.740,
347.815


 57, 37.740,
347.815


 100, 37.740,
347.815


 47, 37.740,
347.815


 77, 37.740,
347.815

 37, 37.740,
347.815

 87, 37.740,
347.815

 27, 37.740,
347.815

 97, 37.740,
347.815

 17, 37.740,
347.815

 7, 37.740, 347.815

 0, 37.740, 347.815

57, 37.740,
347.815

57, 37.740,
347.815

53, 46.255,
349.228

62, 28.744,
346.607

49, 53.891,
350.919

66, 19.584,
345.547

46, 60.181,
352.997

71, 10.468,
344.592

44, 64.711,
355.603

77, 1.529, 343.528

42, 67.285,
358.897


82, 7.158, 163.072

41, 68.344, 2.110

87, 15.558,
162.338

93, 23.660,
161.680

95, 25.856,
165.737

 96, 23.230,
175.631

Harmonies

Complementary

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



57, 37.740, 347.815



72, 35.950, 159.510

Rectangle

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



57, 37.740, 347.815



57, 37.740, 37.815



57, 37.740, 167.815



57, 37.740, 217.815

Sweetspot

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



57, 37.737, 347.816



90, 14.417, 344.729



54, 47.856, 310.621



47, 10.110, 344.937



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



57, 37.737, 347.816



68, 55.553, 349.088



56, 34.304, 22.323



38, 5.092, 344.376



34, 60.044, 1.493



3, 15.832, 352.328

Inverse Universe

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



57, 37.737, 347.816



68, 55.553, 349.088



73, 25.775, 195.818



38, 5.092, 344.376



34, 60.044, 1.493



3, 15.832, 352.328

Previews

White Background



This preview shows how the CIELCh color 57, 37.740, 347.815 looks on a white background.

Color Contrast Check

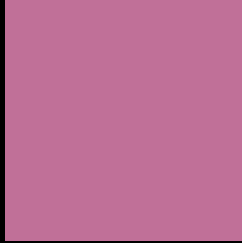
Large Text (above 18pt) WCAG AA ✓ Pass

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 57, 37.740, 347.815 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

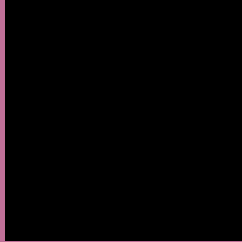
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 37.740, 347.815

Background



This preview shows how black text looks on a background with the CIELCh color 57, 37.740, 347.815.



This preview shows how white text looks on a background with the CIELCh color 57, 37.740, 347.815.

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
57, 30.258, 14.587

Trichromacy



Original Color
57, 37.740, 347.815

Protanomaly
57, 22.147, 317.083

Deuteranomaly
57, 20.099, 338.937

Tritanomaly
57, 32.131, 3.098

Monochromacy



Original Color
57, 37.740, 347.815

Achromatopsia
58, 0.007, 296.813

Achromatomaly
57, 13.918, 346.151

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 37.740, 347.815 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(192, 112, 152)` looks like.

```
.text, #text, p{  
    color:rgb(192, 112, 152)  
}
```

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(192, 112, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 112, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 37.740, 347.815 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(192, 112, 152) }
```

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

```
.border{ border-color:rgb(192, 112, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 112, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 112, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 112, 152);  
box-shadow:4px 4px 4px 4px rgb(192, 112,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 37.740, 347.815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 112, 152) }
```

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

```
.background{ background-color: rgb(192,  
112, 152) }
```

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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