

Converting Colors

CIELCh(60, 97.981, 334.673)

Have a look what the booklet for
CIELCh(60, 97.981, 334.673)
contains.

CIELCh(60, 97.802, 334.698)	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, 97.802, 334.698)

Conversions

Conversions Part 1

Format	Color
Hex	FE2DDC
RGB	254, 45, 220
RGB Percent	100%, 18%, 86%
CMY	0.0038, 0.8233, 0.1372
CMYK	0.00, 0.82, 0.13, 0.00
HSL	310°, 99%, 59%
HSV	310°, 82%, 100%
XYZ	54.7428, 28.1233, 70.2680
YIQ	127.4410, 68.3890, 98.7330

Conversions

Conversions Part 2

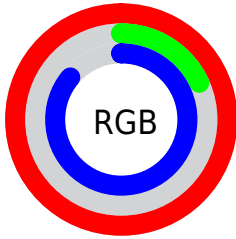
Format	Color
RYB	254, 45, 220
Decimal	16657884
CIELab	60.00, 88.42, -41.80
CIElCh	60, 97.802, 334.698
Yxy	28.1233, 0.3575, 0.1837
Android (android.graphics.Color)	4294847964 (0xFFFE2DDC)
YUV	127.4410, 45.6316, 110.9922
Hunter-Lab	53.0314, 91.4552, -41.4388

Details

The CIELCh color **60, 97.802, 334.698** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light washed magenta. A complement of this color would be **88, 104.306, 140.098**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 82.642, 327.221**, and **44, 83.301, 335.303** is the 20% darker color. If you saturate the color by 10%, you get **59, 100.706, 335.487**, and if you desaturate by 10%, it is **62, 91.877, 333.971**.

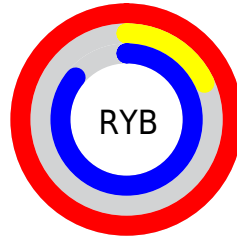
Distribution



Red (100%)

Green (18%)

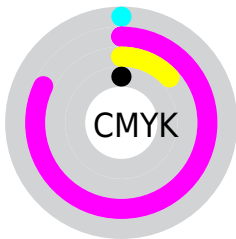
Blue (86%)



Red (100%)

Yellow (18%)

Blue (86%)

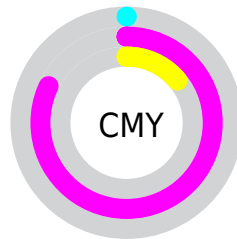


Cyan (0%)

Magenta (82%)

Yellow (13%)

Black (0%)



Cyan (0%)


Magenta (82%)


Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 97.802, 334.698 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, 97.802, 334.698 by changing the saturation by 10% instead.

 60, 97.802,
334.698


 60, 97.802,
334.698


 100, 97.802,
334.698

 50, 97.802,
334.698

 80, 97.802,
334.698

 40, 97.802,
334.698

 90, 97.802,
334.698


 30, 97.802,
334.698

 20, 97.802,
334.698

 10, 97.802,
334.698

 0, 97.802, 334.698

 60, 97.802,

 60, 97.802,

334.698

334.698

■ 59, 100.706,
335.487

■ 62, 91.877,
333.971

■ 58, 101.240,
336.151

■ 66, 83.159,
333.278

■ 70, 72.174,
332.603

■ 75, 59.561,
331.937

■ 80, 45.924,
331.278

■ 86, 31.759,
330.629

■ 92, 17.434,
329.989

■ 98, 3.202, 329.286

100, 0.338,
201.342

Harmonies

Complementary

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



60, 97.802, 334.698



88, 104.306, 140.098

Rectangle

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



60, 97.802, 334.698



60, 97.802, 24.698



60, 97.802, 154.698



60, 97.802, 204.698

Sweetspot

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



60, 97.799, 334.698



85, 35.773, 330.806



39, 118.861, 305.910



43, 24.391, 331.034



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, 97.799, 334.698



58, 101.486, 336.066



56, 79.036, 8.737



50, 8.093, 329.812



44, 81.955, 335.993



12, 38.275, 334.909

Inverse Universe

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



60, 97.799, 334.698



58, 101.486, 336.066



89, 68.061, 161.528



50, 8.093, 329.812



44, 81.955, 335.993



12, 38.275, 334.909

Previews

White Background



This preview shows how the CIELCh color 60, 97.802, 334.698 looks on a white background.

Color Contrast Check

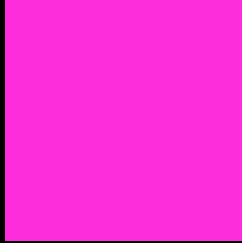
Large Text (above 18pt) WCAG AA ✓ Pass

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 60, 97.802, 334.698 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

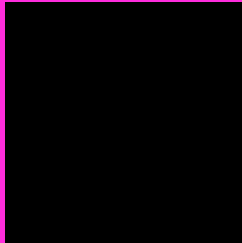
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 97.802, 334.698

Background



This preview shows how black text looks on a background with the CIELCh color 60, 97.802, 334.698.



This preview shows how white text looks on a background with the CIELCh color 60, 97.802, 334.698.

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
60, 63.657, 25.209

Trichromacy



Original Color
60, 97.802, 334.698



Protanomaly
55, 78.093, 306.864



Deuteranomaly
56, 62.561, 314.385



Tritanomaly
59, 69.504, 0.225

Monochromacy



Original Color
60, 97.802, 334.698



Achromatopsia
53, 0.007, 296.813



Achromatomaly
52, 45.415, 331.802

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 97.802, 334.698 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(254, 45, 220)` looks like.

```
.text, #text, p{  
    color:rgb(254, 45, 220)  
}
```

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(254, 45, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 45, 220) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 97.802, 334.698 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(254, 45, 220) }
```

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

```
.border{ border-color:rgb(254, 45, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 45, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 45, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 45, 220);  
box-shadow:4px 4px 4px 4px rgb(254, 45,  
220) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 97.802, 334.698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 45, 220) }
```

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

```
.background{ background-color: rgb(254, 45,  
220) }
```

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