

Converting Colors

CIELCh(60, 93.465, 337.309)

Have a look what the booklet for
CIELCh(60, 93.465, 337.309)
contains.

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Color

CIELCh(60, 93.502, 337.347)

Conversions

Conversions Part 1

Format	Color
Hex	FF32D2
RGB	255, 50, 210
RGB Percent	100%, 20%, 82%
CMY	0.0008, 0.8050, 0.1772
CMYK	0.00, 0.80, 0.18, 0.00
HSL	313°, 100%, 60%
HSV	313°, 80%, 100%
XYZ	53.9058, 28.1233, 63.4430
YIQ	129.5350, 70.8200, 93.2200

Conversions

Conversions Part 2

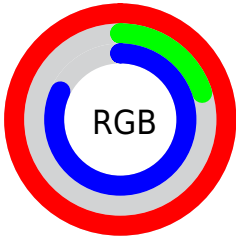
Format	Color
R _Y B	255, 50, 210
Decimal	16724690
CIE _{Lab}	60.00, 86.29, -36.01
CIE _{LCh}	60, 93.502, 337.347
Yxy	28.1233, 0.3706, 0.1933
Android (android.graphics.Color)	4294914770 (0xFFFF32D2)
YUV	129.5350, 39.6692, 110.0328
Hunter-Lab	53.0314, 88.6381, -33.8083

Details

The CIELCh color **60, 93.502, 337.347** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **88, 99.399, 141.939**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 81.614, 327.189**, and **44, 80.459, 338.261** is the 20% darker color. If you saturate the color by 10%, you get **58, 96.642, 338.440**, and if you desaturate by 10%, it is **63, 87.360, 336.391**.

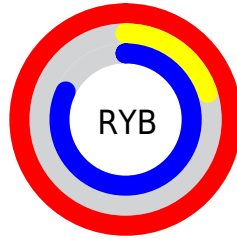
Distribution



Red (100%)

Green (20%)

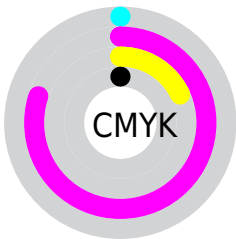
Blue (82%)



Red (100%)

Yellow (20%)

Blue (82%)

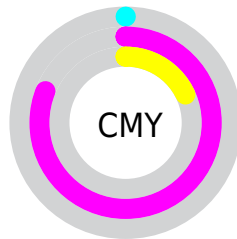


Cyan (0%)

Magenta (80%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (81%)


Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 93.502, 337.347 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, 93.502, 337.347 by changing the saturation by 10% instead.


 60, 93.502,
337.347


 60, 93.502,
337.347


 100, 93.502,
337.347


 50, 93.502,
337.347


 80, 93.502,
337.347

 40, 93.502,
337.347

 90, 93.502,
337.347

 30, 93.502,
337.347

 20, 93.502,
337.347

 10, 93.502,
337.347

 0, 93.502, 337.347

 60, 93.502,

 60, 93.502,

337.347

337.347

■ 58, 96.642,
338.440

■ 63, 87.360,
336.391

■ 57, 97.201,
339.633

■ 66, 78.530,
335.527

■ 71, 67.585,
334.725

■ 76, 55.169,
333.965

■ 81, 41.869,
333.238

■ 87, 28.146,
332.538

■ 93, 14.337,
331.858

100, 0.664,
330.677

100, 0.069,
209.111

Harmonies

Complementary

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



60, 93.502, 337.347



88, 99.399, 141.939

Rectangle

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



60, 93.502, 337.347



60, 93.502, 27.347



60, 93.502, 157.347



60, 93.502, 207.347

Sweetspot

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



60, 93.498, 337.347



85, 33.017, 332.781



41, 116.215, 306.696



43, 22.678, 333.031



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, 93.498, 337.347



58, 97.206, 339.247



57, 78.787, 13.654



50, 7.775, 331.791



43, 78.553, 339.391



11, 36.849, 337.759

Inverse Universe

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



60, 93.498, 337.347



58, 97.206, 339.247



90, 62.606, 166.786



50, 7.775, 331.791



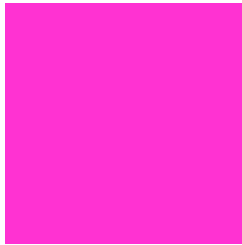
43, 78.553, 339.391



11, 36.849, 337.759

Previews

White Background



This preview shows how the CIELCh color 60, 93.502, 337.347 looks on a white background.

Color Contrast Check

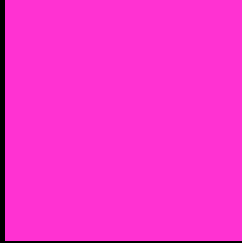
Large Text (above 18pt) WCAG AA ✓ Pass

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, 93.502, 337.347 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

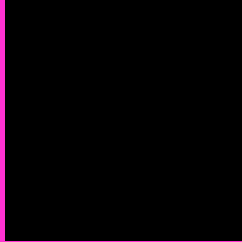
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 93.502, 337.347

Background



This preview shows how black text looks on a background with the CIELCh color 60, 93.502, 337.347.

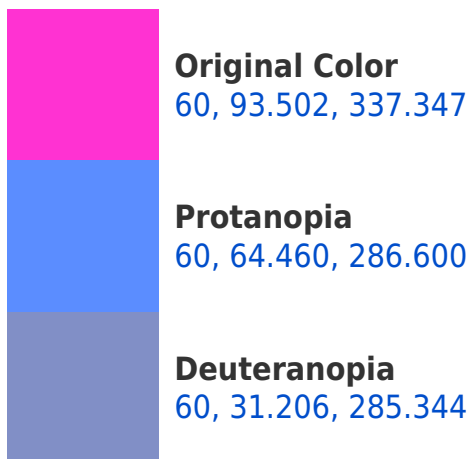


This preview shows how white text looks on a background with the CIELCh color 60, 93.502, 337.347.

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, 65.400, 25.626

Trichromacy



Original Color
60, 93.502, 337.347



Protanomaly
56, 75.324, 306.873



Deuteranomaly
56, 56.797, 317.971



Tritanomaly
59, 69.341, 3.075

Monochromacy



Original Color
60, 93.502, 337.347



Achromatopsia
54, 0.007, 296.813



Achromatomaly
53, 42.750, 334.361

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 93.502, 337.347 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(255, 50, 210)` looks like.

```
.text, #text, p{  
    color:rgb(255, 50, 210)  
}
```

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(255, 50, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 50, 210) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 93.502, 337.347 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(255, 50, 210) }
```

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

```
.border{ border-color:rgb(255, 50, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 50, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 50, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 50, 210);  
box-shadow:4px 4px 4px 4px rgb(255, 50,  
210) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 93.502, 337.347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 50, 210) }
```

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

```
.background{ background-color: rgb(255, 50,  
210) }
```

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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