

Converting Colors

CIELCh(60, 98.162, 335.535)

Have a look what the booklet for
CIELCh(60, 98.162, 335.535)
contains.

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Color

CIELCh(60, 98.078, 335.321)

Conversions

Conversions Part 1

Format	Color
Hex	FF2ADB
RGB	255, 42, 219
RGB Percent	100%, 16%, 86%
CMY	0.0000, 0.8352, 0.1429
CMYK	0.00, 0.84, 0.14, 0.00
HSL	310°, 100%, 58%
HSV	310°, 84%, 100%
XYZ	55.0196, 28.1233, 69.2380
YIQ	125.8650, 70.1310, 100.2030

Conversions

Conversions Part 2

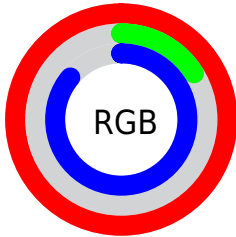
Format	Color
RYB	255, 42, 219
Decimal	16722651
CIELab	60.00, 89.12, -40.95
CIELCh	60, 98.078, 335.321
Yxy	28.1233, 0.3611, 0.1846
Android (android.graphics.Color)	4294912731 (0xFFFF2ADB)
YUV	125.8650, 45.9156, 113.2514
Hunter-Lab	53.0314, 92.3869, -40.2872

Details

The CIELCh color **60, 98.078, 335.321** 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, 105.079, 140.112**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 83.658, 327.254**, and **44, 83.008, 335.837** is the 20% darker color. If you saturate the color by 10%, you get **59, 100.531, 336.049**, and if you desaturate by 10%, it is **62, 92.529, 334.432**.

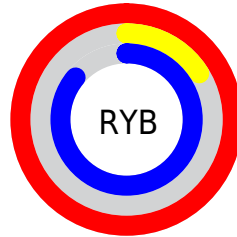
Distribution



Red (100%)

Green (16%)

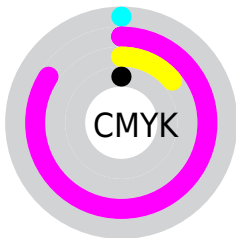
Blue (86%)



Red (100%)

Yellow (16%)

Blue (86%)

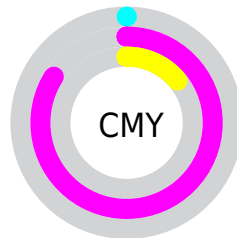


Cyan (0%)

Magenta (84%)

Yellow (14%)

Black (0%)



Cyan (0%)


Magenta (84%)


Yellow (14%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 98.078, 335.321 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, 98.078, 335.321 by changing the saturation by 10% instead.

 60, 98.078,
335.321


 60, 98.078,
335.321


 100, 98.078,
335.321


 50, 98.078,
335.321


 80, 98.078,
335.321

 40, 98.078,
335.321

 90, 98.078,
335.321

 30, 98.078,
335.321

 20, 98.078,
335.321

 10, 98.078,
335.321

 0, 98.078, 335.321

 60, 98.078,

 60, 98.078,

335.321

■ 59, 100.531,
336.049

■ 58, 100.871,
336.645

335.321

■ 62, 92.529,
334.432

■ 65, 84.169,
333.709

■ 70, 73.462,
333.013

■ 74, 61.047,
332.331

■ 80, 47.541,
331.661

■ 85, 33.455,
331.002

■ 91, 19.172,
330.355

■ 98, 4.958, 329.682

100, 0.012,
296.813

Harmonies

Complementary

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



60, 98.078, 335.321



88, 105.079, 140.112

Rectangle

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



60, 98.078, 335.321



60, 98.078, 25.321



60, 98.078, 155.321



60, 98.078, 205.321

Sweetspot

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



60, 98.040, 335.202



85, 35.565, 331.099



39, 120.433, 306.238



43, 24.250, 331.330



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, 98.040, 335.202



58, 100.871, 336.645



56, 80.043, 10.729



50, 8.045, 330.096



44, 81.430, 336.473



12, 38.057, 335.314

Inverse Universe

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



60, 98.040, 335.202



58, 100.871, 336.645



90, 67.627, 162.437



50, 8.045, 330.096



44, 81.430, 336.473



12, 38.057, 335.314

Previews

White Background



This preview shows how the CIELCh color 60, 98.078, 335.321 looks on a white background.

Color Contrast Check

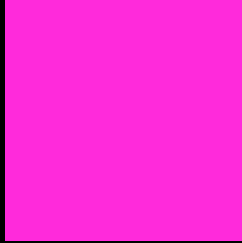
Large Text (above 18pt) WCAG AA ✓ Pass

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, 98.078, 335.321 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

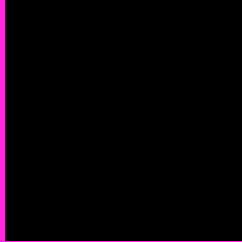
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 98.078, 335.321

Background



This preview shows how black text looks on a background with the CIELCh color 60, 98.078, 335.321.

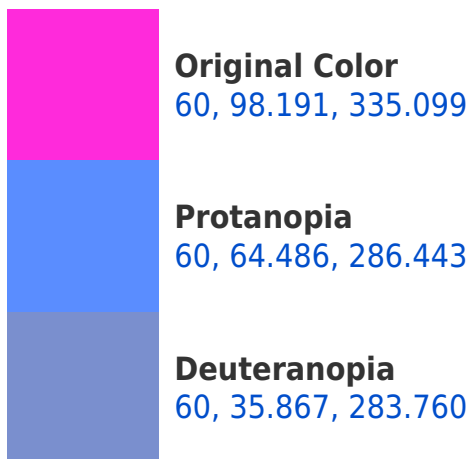


This preview shows how white text looks on a background with the CIELCh color 60, 98.078, 335.321.

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, 64.708, 25.883

Trichromacy



Original Color
60, 98.191, 335.099



Protanomaly
55, 78.694, 307.036



Deuteranomaly
56, 62.735, 314.987



Tritanomaly
59, 70.303, 1.030

Monochromacy



Original Color
60, 98.191, 335.099



Achromatopsia
53, 0.007, 296.813



Achromatomaly
51, 46.251, 332.198

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 98.078, 335.321 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, 42, 219)` looks like.

```
.text, #text, p{  
    color:rgb(255, 42, 219)  
}
```

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, 42, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 42, 219) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 98.078, 335.321 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, 42, 219) }
```

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

```
.border{ border-color:rgb(255, 42, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 42, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 42, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 42, 219);  
box-shadow:4px 4px 4px 4px rgb(255, 42,  
219) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 98.078, 335.321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 42, 219) }
```

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

```
.background{ background-color: rgb(255, 42,  
219) }
```

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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