

Converting Colors

CIELCh(60, 91.733, 338.504)

Have a look what the booklet for
CIELCh(60, 91.733, 338.504)
contains.

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Color

CIELCh(60, 91.775, 338.411)

Conversions

Conversions Part 1

Format	Color
Hex	FF34CE
RGB	255, 52, 206
RGB Percent	100%, 20%, 81%
CMY	0.0005, 0.7968, 0.1926
CMYK	0.00, 0.80, 0.19, 0.00
HSL	314°, 100%, 60%
HSV	314°, 80%, 100%
XYZ	53.5347, 28.1233, 60.9205
YIQ	130.2530, 71.5540, 90.9300

Conversions

Conversions Part 2

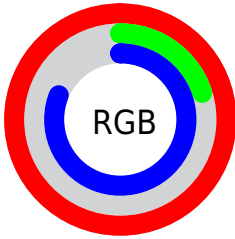
Format	Color
R _{YB}	255, 52, 206
Decimal	16725198
CIE _{Lab}	60.00, 85.34, -33.77
CIE _{LCh}	60, 91.775, 338.411
Yxy	28.1233, 0.3755, 0.1972
Android (android.graphics.Color)	4294915278 (0xFFFF34CE)
YUV	130.2530, 37.3433, 109.4031
Hunter-Lab	53.0314, 87.3889, -30.9881

Details

The CIELCh color **60, 91.775, 338.411** 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, 97.228, 142.745**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 81.096, 327.172**, and **44, 79.248, 339.552** is the 20% darker color. If you saturate the color by 10%, you get **58, 95.064, 339.625**, and if you desaturate by 10%, it is **63, 85.506, 337.364**.

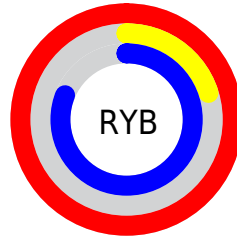
Distribution



Red (100%)

Green (20%)

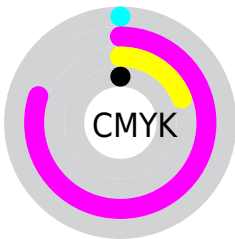
Blue (81%)



Red (100%)

Yellow (20%)

Blue (81%)

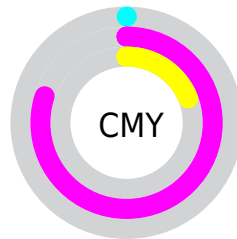


Cyan (0%)

Magenta (80%)

Yellow (19%)

Black (0%)



Cyan (0%)


Magenta (80%)


Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 91.775, 338.411 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, 91.775, 338.411 by changing the saturation by 10% instead.


 60, 91.775,
338.411


 60, 91.775,
338.411


 100, 91.775,
338.411


 50, 91.775,
338.411


 80, 91.775,
338.411

 40, 91.775,
338.411

 90, 91.775,
338.411


 30, 91.775,
338.411

 20, 91.775,
338.411

 10, 91.775,
338.411

 0, 91.775, 338.411

 60, 91.775,

 60, 91.775,

338.411

338.411

■ 58, 95.064,
339.625

■ 63, 85.506,
337.364

■ 57, 95.675,
341.045

■ 66, 76.606,
336.433

■ 57, 95.678,
341.094

■ 71, 65.662,
335.581

■ 76, 53.320,
334.785

■ 82, 40.153,
334.031

■ 88, 26.609,
333.311

■ 94, 13.009,
332.614

100, 0.047,
213.501

Harmonies

Complementary

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



60, 91.775, 338.411



88, 97.228, 142.745

Rectangle

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



60, 91.775, 338.411



60, 91.775, 28.411



60, 91.775, 158.411



60, 91.775, 208.411

Sweetspot

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



60, 91.771, 338.411



85, 32.517, 333.619



42, 115.044, 306.903



43, 22.336, 333.877



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, 91.771, 338.411



58, 95.683, 340.506



57, 78.518, 14.693



50, 7.655, 332.603



43, 77.323, 340.815



11, 36.326, 338.944

Inverse Universe

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



60, 91.771, 338.411



58, 95.683, 340.506



90, 61.135, 168.271



50, 7.655, 332.603



43, 77.323, 340.815



11, 36.326, 338.944

Previews

White Background



This preview shows how the CIELCh color 60, 91.775, 338.411 looks on a white background.

Color Contrast Check

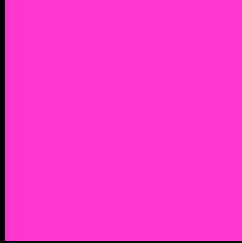
Large Text (above 18pt) WCAG AA ✓ Pass

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, 91.775, 338.411 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

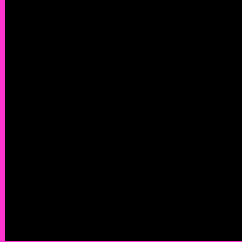
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 91.775, 338.411

Background



This preview shows how black text looks on a background with the CIELCh color 60, 91.775, 338.411.

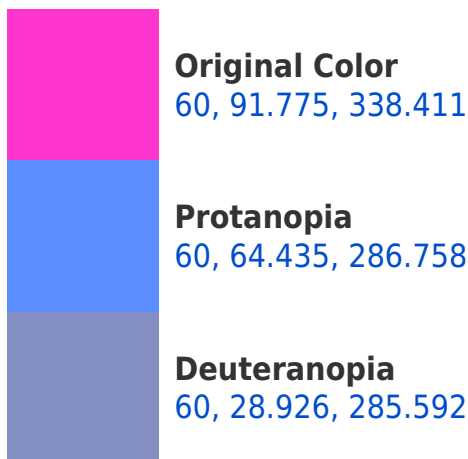


This preview shows how white text looks on a background with the CIELCh color 60, 91.775, 338.411.

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, 65.581, 26.084

Trichromacy



Original Color
60, 91.775, 338.411



Protanomaly
56, 73.666, 306.798



Deuteranomaly
57, 54.324, 319.169



Tritanomaly
59, 69.228, 3.988

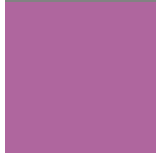
Monochromacy



Original Color
60, 91.775, 338.411



Achromatopsia
54, 0.007, 296.813



Achromatomaly
53, 41.497, 334.527

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 91.775, 338.411 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, 52, 206)` looks like.

```
.text, #text, p{  
    color:rgb(255, 52, 206)  
}
```

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, 52, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 52, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 91.775, 338.411 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, 52, 206) }
```

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

```
.border{ border-color:rgb(255, 52, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 52, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 52, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 52, 206);  
box-shadow:4px 4px 4px 4px rgb(255, 52,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 91.775, 338.411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 52, 206) }
```

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

```
.background{ background-color: rgb(255, 52,  
206) }
```

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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