

Converting Colors

CIELCh(60, 110.429, 330.682)

Have a look what the booklet for
CIELCh(60, 110.429, 330.682)
contains.

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Color

CIELCh(60, 110.421, 330.408)

Conversions

Conversions Part 1

Format	Color
Hex	FF0CF3
RGB	255, 12, 243
RGB Percent	100%, 5%, 95%
CMY	0.0000, 0.9535, 0.0481
CMYK	0.00, 0.95, 0.05, 0.00
HSL	303°, 100%, 52%
HSV	303°, 95%, 100%
XYZ	57.7976, 28.1233, 86.9644
YIQ	110.9910, 70.6770, 123.3570

Conversions

Conversions Part 2

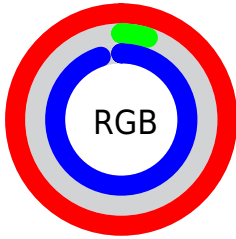
Format	Color
R _Y B	255, 12, 243
Decimal	16714995
CIE Lab	60.00, 96.02, -54.53
CIE LCh	60, 110.421, 330.408
Yxy	28.1233, 0.3343, 0.1627
Android (android.graphics.Color)	4294905075 (0xFFFF0CF3)
YUV	110.9910, 65.0804, 126.2959
Hunter-Lab	53.0314, 101.7374, -60.1056

Details

The CIELCh color **60, 110.421, 330.408** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light saturated magenta. A complement of this color would be **88, 117.720, 136.524**, and the grayscale version is **47, 0.006, 296.813**.

A 20% lighter version of the original color is **69, 88.081, 327.393**, and **45, 91.084, 329.732** is the 20% darker color. If you saturate the color by 10%, you get **60, 110.998, 330.390**, and if you desaturate by 10%, it is **61, 107.634, 330.001**.

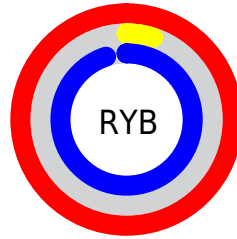
Distribution



Red (100%)

Green (5%)

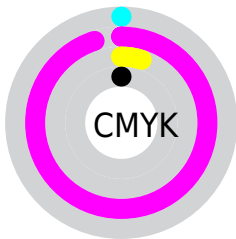
Blue (95%)



Red (100%)

Yellow (5%)

Blue (95%)

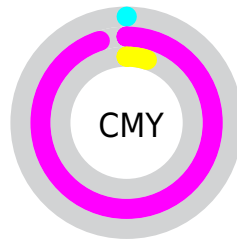


Cyan (0%)

Magenta (95%)

Yellow (5%)

Black (0%)



Cyan (0%)


Magenta (95%)


Yellow (5%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 110.421, 330.408 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, 110.421, 330.408 by changing the saturation by 10% instead.


 60, 110.421,
330.408


 60, 110.421,
330.408


 100, 110.421,
330.408


 50, 110.421,
330.408


 80, 110.421,
330.408


 40, 110.421,
330.408

 90, 110.421,
330.408

 30, 110.421,
330.408

 20, 110.421,
330.408

 10, 110.421,
330.408

 0, 110.421,
330.408

■ 60, 110.421,
330.408

■ 60, 110.421,
330.408

■ 60, 110.998,
330.390

■ 61, 107.634,
330.001

■ 63, 101.871,
329.675

■ 66, 93.169,
329.288

■ 69, 81.943,
328.843

■ 74, 68.796,
328.347

■ 79, 54.358,
327.812

■ 85, 39.180,
327.252

■ 91, 23.697,

326.678

 97, 8.217, 326.084

Harmonies

Complementary

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



60, 110.421, 330.408



88, 117.720, 136.524

Rectangle

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



60, 110.421, 330.408



60, 110.421, 20.408



60, 110.421, 150.408



60, 110.421, 200.408

Sweetspot

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



60, 110.417, 330.274



83, 44.773, 327.459



33, 131.519, 306.152



42, 30.649, 327.697



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, 110.417, 330.274



60, 110.998, 330.390



55, 83.704, 5.650



50, 8.751, 326.337



45, 89.464, 330.351



12, 41.355, 330.084

Inverse Universe

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



60, 110.417, 330.274



60, 110.998, 330.390



89, 83.027, 152.380



50, 8.751, 326.337



45, 89.464, 330.351



12, 41.355, 330.084

Previews

White Background



This preview shows how the CIE LCh color 60, 110.421, 330.408 looks on a white background.

Color Contrast Check

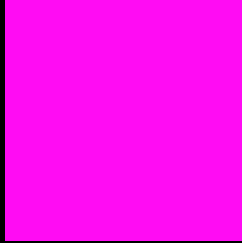
Large Text (above 18pt) WCAG AA ✓ Pass

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 60, 110.421, 330.408 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

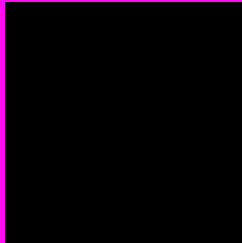
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 110.421, 330.408

Background



This preview shows how black text looks on a background with the CIELCh color 60, 110.421, 330.408.



This preview shows how white text looks on a background with the CIELCh color 60, 110.421, 330.408.

330.408.

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



Original Color

60, 110.500, 330.226

Protanopia

60, 64.486, 286.443

Deuteranopia

60, 47.621, 280.410



Tritanopia
60, 61.909, 24.792

Trichromacy



Original Color
60, 110.500, 330.226



Protanomaly
53, 89.738, 308.275



Deuteranomaly
53, 78.833, 310.111



Tritanomaly
58, 74.084, 354.731

Monochromacy



Original Color
60, 110.500, 330.226



Achromatopsia
47, 0.006, 296.813



Achromatomaly
46, 56.202, 328.545

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 110.421, 330.408 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, 12, 243)` looks like.

```
.text, #text, p{  
    color:rgb(255, 12, 243)  
}
```

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, 12, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 12, 243) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 110.421, 330.408 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, 12, 243) }
```

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

```
.border{ border-color:rgb(255, 12, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 12, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 12, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 12, 243);  
box-shadow:4px 4px 4px 4px rgb(255, 12,  
243) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 110.421, 330.408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 12, 243) }
```

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

```
.background{ background-color: rgb(255, 12,  
243) }
```

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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