

Converting Colors

CIELCh(53, 112.106, 323.709)

Have a look what the booklet for
CIELCh(53, 112.106, 323.709)
contains.

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Color

CIELCh(53, 112.049, 323.687)

Conversions

Conversions Part 1

Format	Color
Hex	D705F3
RGB	215, 5, 243
RGB Percent	84%, 2%, 95%
CMY	0.1563, 0.9820, 0.0465
CMYK	0.12, 0.98, 0.00, 0.05
HSL	293°, 96%, 49%
HSV	293°, 98%, 95%
XYZ	44.3122, 21.0462, 86.6244
YIQ	94.9220, 48.7620, 118.5380

Conversions

Conversions Part 2

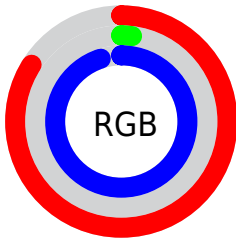
Format	Color
R _Y B	215, 5, 243
Decimal	14091763
CIE Lab	53.00, 90.29, -66.35
CIE LCh	53, 112.049, 323.687
Yxy	21.0462, 0.2916, 0.1385
Android (android.graphics.Color)	4292281843 (0xFFD705F3)
YUV	94.9220, 73.0025, 105.3084
Hunter-Lab	45.8761, 92.1317, -79.8396

Details

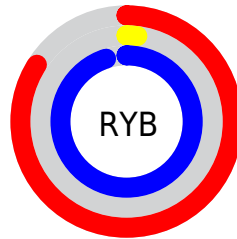
The CIELCh color **53, 112.049, 323.687** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light saturated magenta. A complement of this color would be **84, 114.292, 135.532**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **67, 92.240, 327.524**, and **39, 92.484, 321.888** is the 20% darker color. If you saturate the color by 10%, you get **53, 112.440, 323.629**, and if you desaturate by 10%, it is **54, 109.156, 323.951**.

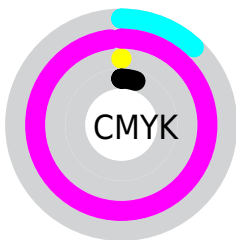
Distribution



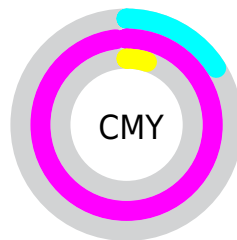
- Red (84%)
- Green (2%)
- Blue (95%)



- Red (84%)
- Yellow (2%)
- Blue (95%)



- Cyan (12%)
- Magenta (98%)
- Yellow (0%)
- Black (5%)





- Cyan (16%)
- Magenta (98%)
- Yellow (5%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 112.049, 323.687 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 53, 112.049, 323.687 by changing the saturation by 10% instead.


 53, 112.049,
323.687


 53, 112.049,
323.687


 100, 112.049,
323.687


 43, 112.049,
323.687


 73, 112.049,
323.687


 33, 112.049,
323.687


 83, 112.049,
323.687

 23, 112.049,
323.687

 93, 112.049,
323.687

 13, 112.049,
323.687

 3, 112.049,
323.687

 0, 112.049,
323.687

■ 53, 112.049,
323.687

■ 53, 112.049,
323.687

■ 53, 112.440,
323.629

■ 54, 109.156,
323.951

■ 56, 103.385,
324.042

■ 60, 94.720,
323.966

■ 64, 83.619,
323.748

■ 68, 70.715,
323.421

■ 73, 56.635,
323.017

■ 79, 41.907,
322.564

■ 85, 26.931,

322.085

■ 91, 11.985,
321.590

Harmonies

Complementary

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



53, 112.049, 323.687



84, 114.292, 135.532

Rectangle

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



53, 112.049, 323.687



53, 112.049, 13.687



53, 112.049, 143.687



53, 112.049, 193.687

Sweetspot

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



53, 112.047, 323.687



82, 44.932, 322.609



34, 119.934, 304.288



41, 30.806, 322.806



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



53, 112.047, 323.687



55, 116.576, 323.617



54, 85.351, 350.100



48, 8.451, 321.660



40, 92.003, 323.702



9, 40.841, 324.285

Inverse Universe

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



51, 94.313, 34.979



53, 99.177, 35.852



84, 97.026, 143.369



48, 5.131, 10.498



39, 77.476, 34.941



8, 30.352, 20.246

Previews

White Background



This preview shows how the CIE LCh color 53, 112.049, 323.687 looks on a white background.

Color Contrast Check

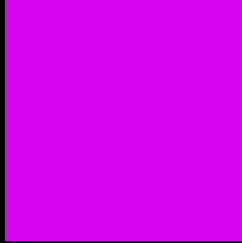
Large Text (above 18pt) WCAG AA ✓ Pass

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 53, 112.049, 323.687 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

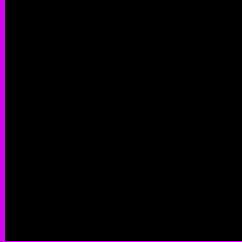
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 112.049, 323.687

Background



This preview shows how black text looks on a background with the CIELCh color 53, 112.049, 323.687.



This preview shows how white text looks on a background with the CIELCh color 53, 112.049, 323.687.

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

53, 111.969, 323.681

Protanopia

54, 76.111, 287.644

Deuteranopia

54, 58.484, 278.226



Tritanopia
53, 44.124, 20.495

Trichromacy



Original Color
53, 111.969, 323.681



Protanomaly
46, 98.910, 303.386



Deuteranomaly
45, 87.809, 301.811



Tritanomaly
50, 66.591, 343.542

Monochromacy



Original Color
53, 111.969, 323.681



Achromatopsia
40, 0.006, 296.813



Achromatomaly
40, 56.666, 323.774

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 112.049, 323.687 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(215, 5, 243)` looks like.

```
.text, #text, p{  
    color:rgb(215, 5, 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(215, 5, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 5, 243) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 112.049, 323.687 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(215, 5, 243) }
```

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

```
.border{ border-color:rgb(215, 5, 243) }
```

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

Here you see how a box with a 4 pixel rgb(215, 5, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 5, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 5, 243);  
box-shadow:4px 4px 4px 4px rgb(215, 5,  
243) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 112.049, 323.687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 5, 243) }
```

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

```
.background{ background-color: rgb(215, 5,  
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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