

Converting Colors

CIELCh(55, 112.212, 321.767)

Have a look what the booklet for
CIELCh(55, 112.212, 321.767)
contains.

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Color

CIELCh(55, 112.085, 321.877)

Conversions

Conversions Part 1

Format	Color
Hex	D725FE
RGB	215, 37, 254
RGB Percent	84%, 15%, 100%
CMY	0.1568, 0.8548, 0.0039
CMYK	0.15, 0.85, 0.00, 0.00
HSL	289°, 99%, 57%
HSV	289°, 85%, 100%
XYZ	46.5814, 22.9298, 95.7464
YIQ	114.9600, 36.4310, 105.2230

Conversions

Conversions Part 2

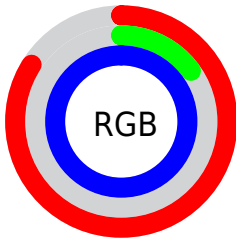
Format	Color
R _Y B	215, 37, 254
Decimal	14099966
CIE Lab	55.00, 88.18, -69.20
CIE LCh	55, 112.085, 321.877
Yxy	22.9298, 0.2819, 0.1388
Android (android.graphics.Color)	4292290046 (0xFFD725FE)
YUV	114.9600, 68.5467, 87.7351
Hunter-Lab	47.8851, 89.8412, -85.0309

Details

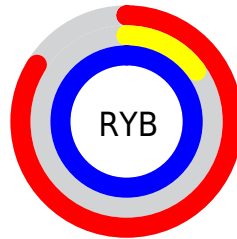
The CIELCh color **55, 112.085, 321.877** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed magenta. A complement of this color would be **88, 111.710, 134.655**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **69, 87.120, 327.363**, and **40, 96.752, 320.354** is the 20% darker color. If you saturate the color by 10%, you get **53, 116.081, 321.517**, and if you desaturate by 10%, it is **58, 104.914, 322.013**.

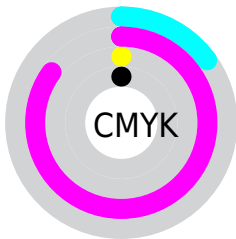
Distribution



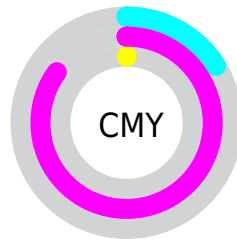
- Red (84%)
- Green (15%)
- Blue (100%)



- Red (84%)
- Yellow (15%)
- Blue (100%)



- Cyan (15%)
- Magenta (85%)
- Yellow (0%)
- Black (0%)





- Cyan (16%)
- Magenta (85%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 112.085, 321.877 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 55, 112.085, 321.877 by changing the saturation by 10% instead.


 55, 112.085,
321.877


 55, 112.085,
321.877


 100, 112.085,
321.877


 45, 112.085,
321.877


 75, 112.085,
321.877


 35, 112.085,
321.877


 85, 112.085,
321.877

 25, 112.085,
321.877

 95, 112.085,
321.877

 15, 112.085,
321.877

 5, 112.085,
321.877

 0, 112.085,
321.877

■ 55, 112.085,
321.877

■ 55, 112.085,
321.877

■ 53, 116.081,
321.517

■ 58, 104.914,
322.013

■ 53, 117.144,
321.297

■ 62, 94.859,
321.952

■ 66, 82.543,
321.736

■ 71, 68.673,
321.409

■ 77, 53.876,
321.009

■ 83, 38.641,
320.566

■ 90, 23.317,
320.105

■ 96, 8.132, 319.627

100, 0.490,
109.983

Harmonies

Complementary

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



55, 112.085, 321.877



88, 111.710, 134.655

Rectangle

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



55, 112.085, 321.877



55, 112.085, 11.877



55, 112.085, 141.877



55, 112.085, 191.877

Sweetspot

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



55, 112.083, 321.877



83, 39.651, 320.593



43, 103.969, 299.688



42, 26.899, 320.749



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



55, 112.083, 321.877



53, 117.489, 321.295



58, 89.349, 343.656



50, 8.583, 319.827



39, 94.590, 321.407



10, 43.392, 322.187

Inverse Universe

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



55, 85.034, 24.490



53, 95.208, 32.060



88, 96.102, 144.156



50, 5.393, 5.630



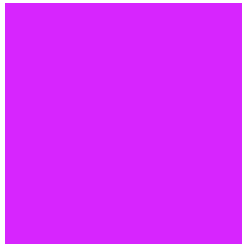
40, 75.959, 31.074



10, 32.104, 19.714

Previews

White Background



This preview shows how the CIE LCh color 55, 112.085, 321.877 looks on a white background.

Color Contrast Check

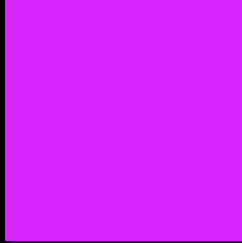
Large Text (above 18pt) WCAG AA ✓ Pass

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 55, 112.085, 321.877 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

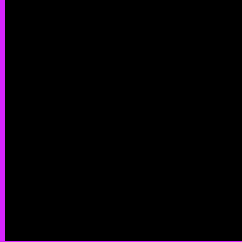
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 112.085, 321.877

Background



This preview shows how black text looks on a background with the CIELCh color 55, 112.085, 321.877.

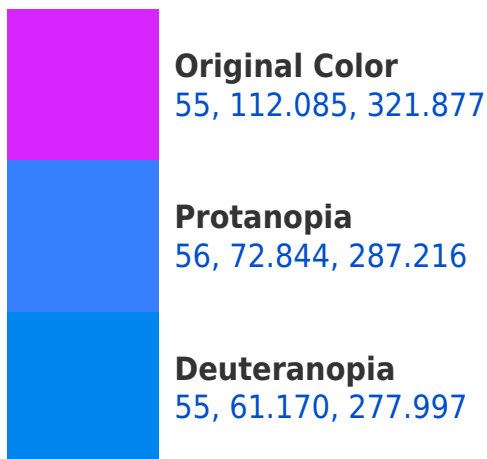


This preview shows how white text looks on a background with the CIELCh color 55, 112.085, 321.877.

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
55, 39.365, 18.891

Trichromacy



Original Color
55, 112.085, 321.877



Protanomaly
51, 91.874, 302.531



Deuteranomaly
48, 84.299, 297.056



Tritanomaly
53, 61.258, 340.508

Monochromacy



Original Color
55, 112.085, 321.877



Achromatopsia
48, 0.006, 296.813



Achromatomaly
47, 50.785, 321.128

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 112.085, 321.877 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, 37, 254)` looks like.

```
.text, #text, p{  
    color:rgb(215, 37, 254)  
}
```

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, 37, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 37, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 112.085, 321.877 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, 37, 254) }
```

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

```
.border{ border-color:rgb(215, 37, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 37, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 37, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 37, 254);  
box-shadow:4px 4px 4px 4px rgb(215, 37,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 112.085, 321.877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 37, 254) }
```

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

```
.background{ background-color: rgb(215, 37,  
254) }
```

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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